



R-5 South Ops Lake Plans

Update: Added LPF Water sources

Version 2, 8 December 2017



This document is a compilation of lake plans for Water Scooper use in Southern California. Any corrections or additions should be forwarded to:

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Aero-Flite Inc.
805-704-2789

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kmerrill@fs.fed.us
605-222-3883

Lakes plans are organized North to South and hyperlinks are included with all blue text. A list of target lakes is included for water sources requiring coordination. The Chief Pilot or assigned Water Scooper manager may assist local units with creating lake plans if desired. This document will be updated periodically as individual plans are updated or target lake plans are completed.

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Target Lake List

The following water sources require coordination completion:

Spicer Meadows
Camanche
New Hogan Res
Cherry Lake
Lake Eleanor
Hetch Hetchy Res
Don Pedro Res
Grant Lake
Crowley Lake
San Luis Res
Los Banos Res
San Gabriel Res
Lake Elsinore
Lake Skinner



Scooper Water Source Coordination Worksheet



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NAME:	Topaz Lake, Douglas / Mono Counties last updated by J Robinson 11/1/17				
Latitude*:	38 40 N	Longitude*:	119 32 W	Elevation:	5000'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Walker River Irrigation District
Name:	Burt Brian – Manager, or Jessica Smith
Phone:	775-463-3523
Email:	Jessica@wrid.us

CONTACT NEEDED PRIOR TO SCOOPING?

YES – Call Walker River Irrigation District

Before, pre and post ops. If after hours or on the weekend, send email notification and water use report.

Law Enforcement Jurisdiction:	
Name:	Douglas County Sheriff
Phone:	Dispatch 775-782-5126
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

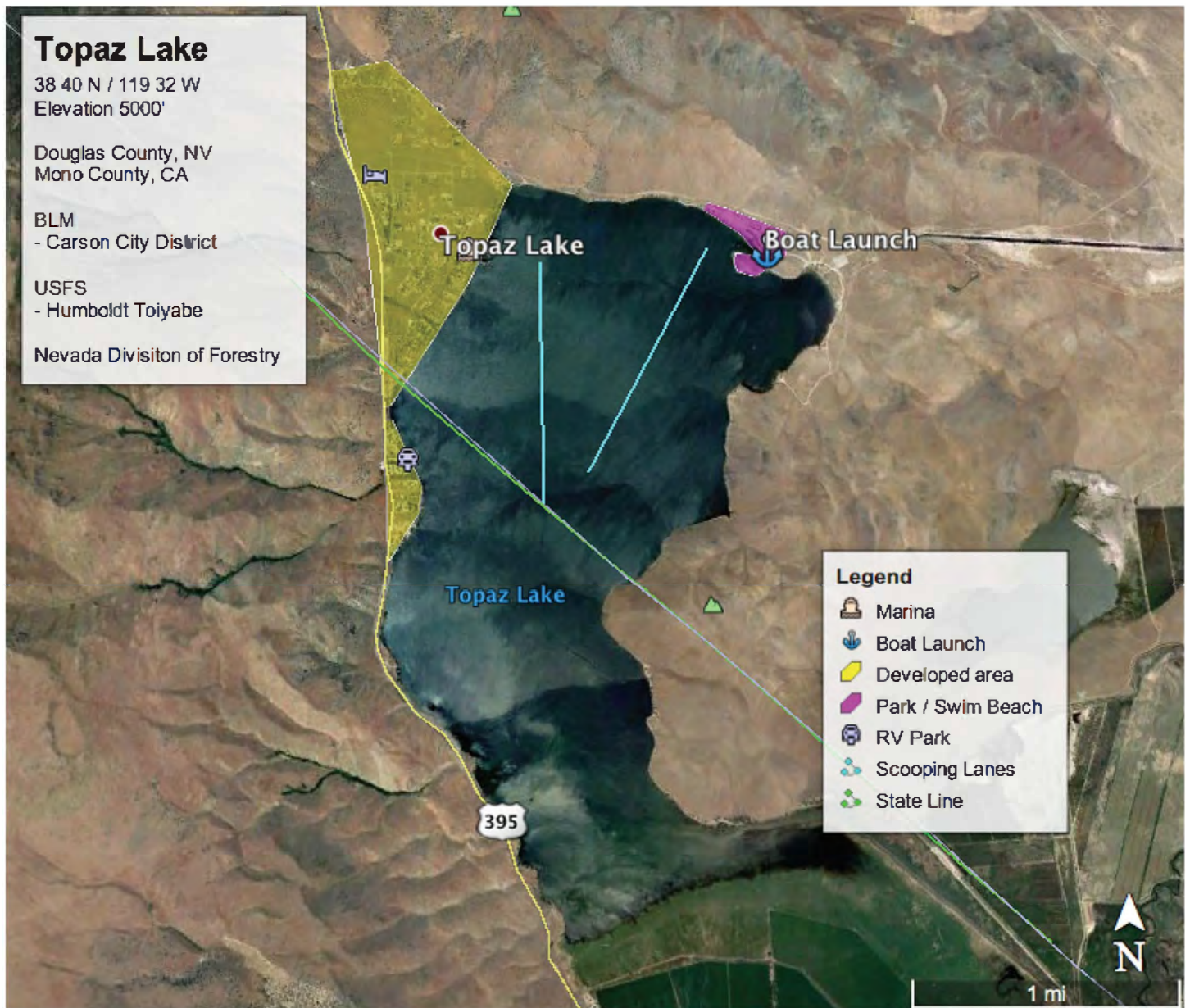
Administration Information:	
Forest/Bureau/State:	State of Nevada, BLM, USFS
	Sierra Front Dispatch
Phone:	775-883-5995

Known Hazards:	
Structure(s):	Dam NE corner
Water:	2.0 miles of scoopable water
Recreation:	Some fishing, water skiing
Other:	2 campgrounds, 1 on NV and 1 on CA side, Boat Launch on NV side and Marina CA side.

Known Invasive Species: None per USGS AIS survey on 24 July 2017

Environmental Mitigations Needed Pre/Post Scooping:	
Tank decontamination procedures conducted as per Amphibious Water Scooper Operations Plan and Aero-Flite Aquatic Invasive Species Mitigation Plan.	

Comments: CL-415 first used July 2017





Scooper Water Source Coordination Worksheet



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NAME:	SALT SPRINGS RESERVOIR – Amador County, CA last update 12/8/17 by J Robinson				
Latitude*:	38° 29' 46.94" N,	Longitude*:	120° 10' 27.64" W	Elevation:	3961'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	US FOREST SERVICE
Name:	Camino Interagency Command Center (CICC) Mac Heller or Scott Wylie
Phone:	530-644-0200
Email:	dmheller@fs.fed.us or swylie@fs.fed.us

CONTACT NEEDED PRIOR TO SCOOPING?

YES – Prior to use contact CICC to notify ENF Duty Officer

Law Enforcement Jurisdiction:	
Name:	AMADOR COUNTY SHERIFF'S (EDSO) James Wegner (Under Sheriff)
Phone:	209-223-6515
Location:	Jackson , CA
Email:	jwefner@amadorgov.org

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Administration Information:	
Forest/Bureau/State:	USFS/ENF/CA, Jay Kurth, FFMO
Location:	Placerville, CA
Email:	jkurth01@fs.fed.us
Phone:	530-621-5225

Known Hazards:	
Structure(s):	Damn on west side (powerhouse west of damn), spillway on southwest side, Springs picnic area on west edge north of damn
Water:	Choppy with upslope winds in afternoon
Recreation:	Recreational watercraft-all types, Salt Springs trailhead at north edge of lake
Other:	Gusty winds, mountainous terrain, density altitude, rocky shoreline stay off shore 300', North edge of lake is wilderness (Forest Supervisor has approved).

Known Invasive Species: None per USGS AIS survey 10/1/16

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

SALT SPRINGS RESERVOIR

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Lat / Long 38° 29' 46.94" N. 120° 10' 27.64 W

- Lake Elevation 3961

NORTH





Scooper Water Source Coordination Worksheet



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NAME:	New Melones Reservoir, Calaveras County		last update 12/8/17 by J Robinson		
Latitude*:	37 59.02	Longitude*:	120 31.39	Elevation:	735'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Department of Interior
Name:	Bureau of Reclamation
Phone:	209-536-9094
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

YES

Law Enforcement Jurisdiction:	
Name:	Calaveras County Sheriff
Phone:	209-785-6550 Dispatch
Location:	Cooperopolis CA
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Administration Information:	
Forest/Bureau/State:	Department of Interior
Location:	
Email:	209-536-9094
Phone:	

Known Hazards:	
Structure(s):	Dam West side, Bridge NE arm.
Water:	Level good per Oct 2017 aerial survey
Recreation:	Weekends and holidays
Other:	Power lines South, West, and North of lake.

Known Invasive Species:	None per USFS AIS survey 10/1/17
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Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments:
New Melones Dam Admin #209-536-9094, Columbia Airport and AAB 6NM NE 122.975



Scooper Water Source Coordination Worksheet



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NAME:	Woodward Reservoir, Stanislaw County		last updated 12/8/17 by JRobinson		
Latitude*:	37 51 N	Longitude*:	120 51 W	Elevation:	2231

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	South Joaquin Irrigation District
Name:	Jeff Shields GM
Phone:	209-652-2911
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

NO

Law Enforcement Jurisdiction:	
Name:	Stanislaw County Sheriff
Phone:	209-552-2468 Dispatch
Location:	Modesto CA
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Fire Administration Information:	
Agency:	CALFIRE
Location:	MMM-Unit
Email:	Unit Chief Nancy Koerperich
Phone:	209-966-3622

Known Hazards:	
Structure(s):	Bridge East Side and Dam on the West Side.
Water:	Water clarity may be an issue.
Recreation:	Yes, Coordinate with Sheriff if necessary.
Other:	Oakdale airport 7NM SSE 122.8, Modesto airport 13NM SSW 125.3.

Known Invasive Species:	None per USGS AIS survey 10/1/17
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Environmental Mitigations Needed Pre/Post Scooping:	
Tank Decontamination conducted as per AWSA Operations plan and AFI Aquatic Invasive Species Mitigation Plan.	

Comments: Nancy Koerperick County Parks and Rec., Mary Mayhorn # 209-552-2468.	
Communicate with county sheriff as needed.	



Scooper Water Source Coordination Worksheet



TOC

NAME:	Modesto Reservoir, Stanislaw County last updated 12/8/17 by JRobinson				
Latitude*:	37 40 N	Longitude*:	120 39 W	Elevation:	246

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Modesto Irrigation District
Name:	Claudia Hiadahl 209-526-7608
Phone:	209-526-7337
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☐

NO ☐

Law Enforcement Jurisdiction:	
Name:	Stanislaw County Sheriff
Phone:	209-552-2468 Dispatch
Location:	Modesto CA
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☐

NO ☐

Administration Information:	
Forest/Bureau/State:	CA SRA
Location:	MMM-Unit
Email:	Nancy Koeperich
Phone:	209-966-3622

Known Hazards:	
Structure(s):	None
Water:	Shallow, water clarity, islands.
Recreation:	
Other:	R/C Airplanes on North end. Modesto airport 14 NM West 125.3

Known Invasive Species: None per USGS AIS survey 10/1/17

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination procedures conducted per the AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Contact Mary Mayhorn Parks and Rec. # 209-552-2468 if location is used.
Communicate with county sheriff as needed.



Scooper Water Source Coordination Worksheet



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NAME:	Lake McClure, Maricopa County		last updated 12/8/17 by JRobinson		
Latitude*:	37 37 N	Longitude*:	120 17 W	Elevation:	1125'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Merced River Irrigation District
Name:	John Sweigard GM
Phone:	209-722-5761
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☐

NO ☐

Law Enforcement Jurisdiction:	
Name:	Maricopa County Sheriff
Phone:	209-966-3614 Dispatch
Location:	Maricopa County
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☐

NO ☐

Administration Information:	
Forest/Bureau/State:	CA SRA
Location:	MMM-Unit
Email:	Nancy Koeperich
Phone:	209-966-3622

Known Hazards:	
Structure(s):	Tower SW shore 260' AGL
Water:	Low Water 2016
Recreation:	Yes, Coordinate with Sheriff if necessary
Other:	Hang Gliders, Mariposa Yosemite 10 NM SE 122.7

Known Invasive Species:	None per USGS AIS survey 10/1/17
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Environmental Mitigations Needed Pre/Post Scooping:
Tank Decontamination conducted as per AWSA Operations plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments:	Kelly Abushon @ Wildlife.CA.Gov #559-243-4017 Ext.205 State of CA Environmentalist.
	Communicate with county sheriff as needed.



Scooper Water Source Coordination Worksheet



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NAME:	Eastman Lake, Madera County		last update 12/8/17		
Latitude*:	37 14 N	Longitude*:	119 58 W	Elevation:	600'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Army Corps of Engineers
Name:	Morgan Barnes
Phone:	(559)689-3255
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

YES – Corp of Engineers and MMU to notify park rangers

Law Enforcement Jurisdiction:	
Name:	Madera County Sheriff
Phone:	(559)675-7770 Dispatch
Location:	Madera CA
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Fire Administration Information:	
Agency:	Sierra NF USFS
Contact:	mfralicks@fs.fed.us (559)291-3473
Agency:	CALFIRE MMU
Contact:	Unit Chief Nancy Koerperich 209-966-3622

Known Hazards:	
Structure(s):	Dam SW corner
Water:	Level good per 10/2017 Survey
Recreation:	Holidays and weekends
Other:	

Known Invasive Species: Hydrillia per USGS AIS survey 10/1/17
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Environmental Mitigations Needed Pre/Post Scooping:
Tank Decontamination conducted as per AWSA Operations plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Mike Fralicks ATGS (559)760-8379
Kelly Aubushon State Wildlife and Environmental Dept. (559)243-4017 Ext. 285. Contact CA-MMU @ (209)966-3803 to inform park rangers of use.



Scooper Water Source Coordination Worksheet



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NAME:	Hensley Lake, Madera County, CA last update 10/9-17 by J Robinson				
Latitude*:	37° 07' N	Longitude*:	119° 53' W	Elevation:	550'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Army Corp of Engineers
Name:	Morgan Barnes
Phone:	559-689-3255 / 673-5151
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

NO

Law Enforcement Jurisdiction:	
Name:	Madera County Sheriff
Phone:	559-675-7770 - Dispatch
Location:	Madera, CA
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Fire Administration Information:	
Agency:	USFS Sierra NF
Contact:	mfralicks@fs.fed.us 559-291-3473
Agency:	CALFIRE - MMU- Nancy Koeperich
Contact:	209-962-7821 209-966-3622

Known Hazards:	
Structure(s):	Dam SW corner
Water:	Level good 9/2016
Recreation:	Weekends and holidays, Marina SE side of lake
Other:	Private airport 1NM WNW of W dam

Known Invasive Species:	None per USGS AIS query on 10/1/16
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Environmental Mitigations Needed Pre/Post Scooping:	
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.	

Comments:	Mike Fralicks ATGS 559-760-8379. Kelly Aubushon State Wildlife and Environmental Dept. 559-243-4017 ext. 285. Contact CA-MMU@ 209 966-3622 to notify park rangers of use.
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Scooper Water Source Coordination Worksheet



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NAME:	Millerton Lake, Fresno County		last update 12/1/17 by JRobinson		
Latitude*:	37 00 N	Longitude*:	119 40 W	Elevation:	560'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Friant Water Authority
Name:	
Phone:	559-306-9986
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☒

Law Enforcement Jurisdiction:	
Name:	Fresno County Sheriff
Phone:	559-600-8401 Dispatch
Location:	Fresno CA
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☒

Fire Administration Information:	
Agency:	USFS Sierra NF – Mark Bertuccelli
Contact:	mbertuccelli@fs.fed.us 559-291-1875
Agency:	CALFIRE - MMU- Nancy Koeperich
Contact:	209-962-7821 209-966-3622

Known Hazards:	
Structure(s):	Dam West side of lake
Water:	Good depth and clarity October 2013
Recreation:	
Other:	

Known Invasive Species: Asian clam 2007 per USGS AIS database query on 10/1/16

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Mark Bertuccelli FAO/SNF 559-291-1875, Fresno County Sheriff has a Marine Unit if needed.
Kelly Aubushon State Wildlife & Environmental Dept. 559-243-4017 Ext. 285, Previously used by CL-215 in 2013



Scooper Water Source Coordination Worksheet



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NAME:	Bass Lake, Madera County		updated 12/8/17 by J Robinson		
Latitude*:	37 18 N	Longitude*:	119 33 W	Elevation:	3904'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Pacific Gas and Electric
Name:	Tim Beene
Phone:	530-215-4812
Email:	GTBA@PGE.com AALA@PGE2PGE.com

CONTACT NEEDED PRIOR TO SCOOPING?

YES

☐

NO

☐

Law Enforcement Jurisdiction:	
Name:	Madero County Sheriff
Phone:	559-675-7770 Dispatch
Location:	Madero CA
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES

☐

NO

☐

Fire Administration Information:	
Agency:	USFS Sierra N.F.
Contact:	Mark Bertuccelli
Email:	mbertuccelli@fs.fed.us
Phone:	559-291-1875

Known Hazards:	
Structure(s):	Dam South end.
Water:	Good depth and clarity
Recreation:	High recreation
Other:	Airstrip North of Lake

Known Invasive Species: Yellow Iris vegetation per USGS AIS survey 10/1/17

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Mike Fralicks ATGS#559-760-8379, Fresno County Sheriff has a Marine Unit if needed.
Kelly Aubushon State Wildlife and Environmental Dept. 559-243-4017 Ext. 285



Scooper Water Source Coordination Worksheet



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NAME:	Huntington Lake, Fresno County last update 10/9-17 by J Robinson				
Latitude*:	37 14 N	Longitude*:	119 12 W	Elevation:	6950'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Southern Ca. Edison
Name:	559-893-3631 Dispatch
Phone:	559-841-3194 Forestry
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Law Enforcement Jurisdiction:	
Name:	Fresno County Sheriff
Phone:	559-600-8401 Dispatch
Location:	Fresno, CA
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Fire Administration Information:	
Agency:	USFS Sierra N.F.
Contact:	Mark Bertuccelli
Email:	mbertuccelli@fs.fed.us
Phone:	559-291-1875

Known Hazards:	
Structure(s):	Dam on the West Side
Water:	Depth and clarity good
Recreation:	Sailboats
Other:	

Known Invasive Species: none per USGS AIS survey 10/1/17

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Mark Bertuccelli FAO/SNF, Fresno County Sheriff has a Marine Unit if needed.
Kelly Aubushon State Wildlife and Environmental Dept. 559-243-4017 Ext. 285. Est 2013 through So. Ca. Edison.



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Scooper Water Source Coordination Worksheet

NAME:	Pine Flat Lake, Fresno County		last update 10/9/17 by J Robinson		
Latitude*:	36 51 N	Longitude*:	119 18 W	Elevation:	916'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Army Corp. of Engineers
Name:	Jeremy Caldwell / Adam Thompson
Phone:	559-787-2589/Jeremy 559-580-5030/ Adam 559-240-356
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?**YES** ☒**NO** ☐

Law Enforcement Jurisdiction:	
Name:	Fresno County Sheriff
Phone:	559-600-8401 Dispatch
Location:	Fresno CA
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?**YES** ☒**NO** ☐

Fire Administration Information:	
Agency:	USFS Sierra N.F.
Contact:	Mark Bertuccelli
Email:	mbertuccelli@fs.fed.us
Phone:	559-291-1875

Known Hazards:	
Structure(s):	Dam SW corner
Water:	Depth and clarity good
Recreation:	Can be high
Other:	Terrain

Known Invasive Species: none per USGS AIS survey 10/1/17

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Fresno County Sheriff has a Marine Unit if needed.
Kelly Aubushon State Wildlife and Environmental Dept. 559-243-4017 Ext. 285. Used by CL-415s Oct. 2016



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Scooper Water Source Coordination Worksheet



NAME:	Shaver Lake, Fresno County		last update 10/9-17 by J Robinson		
Latitude*:	37 07 N	Longitude*:	119 17 W	Elevation:	5370'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	So. Ca. Edison
Name:	
Phone:	559-893-3631 Dispatch
Phone:	559-841-3194 Forestry

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Law Enforcement Jurisdiction:	
Name:	Fresno County Sheriff
Phone:	559-600-8401 Dispatch
Location:	Fresno CA
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Fire Administration Information:	
Agency:	USFS Sierra N.F.
Contact:	Mark Bertuccelli
Email:	mbertuccelli@fs.fed.us
Phone:	559-291-1875

Known Hazards:	
Structure(s):	Submerged rocks, Dam North side
Water:	Depth varies seasonally
Recreation:	Coordinate with Sheriff's office and So. Ca. Edison - owner of lake before use.
Other:	High Recreation Summer months, Terrain

Known Invasive Species: none per USGS AIS survey 10/1/17

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Fresno County Sheriff has a Marine Unit if needed. Forestry Manager: Richard Bagley 559-2591693 Kelly Aubushon State Wildlife and Environmental Dept. 559-243-4017 Ext. 285



Scooper Water Source Coordination Worksheet



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NAME:	Courtright Reservoir, Fresno County, CA last update 10/9/17 by J Robinson				
Latitude*:	37° 06' N	Longitude*:	118° 58' W	Elevation:	8200'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	PG&E
Name:	Allen Simms
Phone:	559-865-3694
Email:	acs1@pge.com

CONTACT NEEDED PRIOR TO SCOOPING?

NO

Law Enforcement Jurisdiction:	
Name:	Fresno County Sheriff
Phone:	559-600-8401 - Dispatch
Location:	Fresno, CA
Other:	Marine Unit

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Fire Administration Information:	
Agency:	USFS Sierra N.F.
Contact:	Mark Bertuccelli
Email:	mbertuccelli@fs.fed.us
Phone:	559-291-1875

Known Hazards:	
Structure(s):	Submerged rocks
Water:	Level fluctuates with power generation
Recreation:	Fishing boats
Other:	High density altitude

Known Invasive Species: None per USGS AIS Survey 10/9/17 by JRobinson
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Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Kelly Aubushon State Wildlife and Environmental Dept 559-243-4017 ext. 285



NOScooper Water Source Coordination Worksheet



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NAME:	Wishon Reservoir, Fresno County, CA last update 10/9/17 by J Robinson				
Latitude*:	37° 00' N	Longitude*:	118° 57' W	Elevation:	6550'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	PG&E
Name:	Allen Simms
Phone:	559-865-3694
Email:	acs1@pge.com

CONTACT NEEDED PRIOR TO SCOOPING?

NO

Law Enforcement Jurisdiction:	
Name:	Fresno County Sheriff
Phone:	559-600-8401 - Dispatch
Location:	Fresno, CA
Other:	Marine Unit – if needed

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Fire Administration Information:	
Agency:	USFS Sierra N.F.
Contact:	Mark Bertuccelli
Email:	mbertuccelli@fs.fed.us
Phone:	559-291-1875

Known Hazards:	
Structure(s):	Submerged rocks
Water:	Level fluctuates with power generation
Recreation:	Fishing boats
Other:	

Known Invasive Species:	None per USGS AIS Survey 10/9/17 by JRobinson
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Environmental Mitigations Needed Pre/Post Scooping:	
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.	

Comments:	Kelly Aubushon State Wildlife and Environmental Dept 559-243-4017 ext. 285
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Norht Scooper Water Source Coordination Worksheet

NAME:	Lake Kaweah,		last update by J Robinson 10/9/17		
Latitude*:	N 36 24.21	Longitude*:	W 118 58.38	Elevation:	700'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Primary Lake Contacts:	
Owner:	US Army Corp of Engineers
Name:	Dispatch, Eagles nest
Phone	559-597-2301

CONTACT NEEDED PRIOR TO SCOOPING?

YES – Contact US Army Corp, Sheriff, and Marina prior to operations and when ops complete.

Law Enforcement:	
Name:	Tulare County Sheriff
Phone:	Dispatch 559-733-6218
Notes:	

PERMISSION NEEDED PRIOR TO SCOOPING?

No

Fire Administration Information:	
Agency:	Sequoia NF - Porterville
Location:	559-784-1500
Agency:	CalFire – TUU – Unit Chief Marc Hafner
Phone:	559-732-5954

Known Hazards:	
Structure(s):	Dam on west end of lake
Water:	Water level reported good by Marina 8/27/16,
Recreation:	Marina - (559) 597-2526
Other:	Submerged trees east end of lake. Woodlake Airport 5NM West 122.9 Power lines S and E of lake.

Known Invasive Species:	None per USGS AIS search on 8/27/16.
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Environmental Mitigations Needed Pre/Post Scooping:	
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.	

Comments:	Blue Ridge National Wildlife Refuge 8NM SE in vicinity of tower at 5972 MSL.
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Scooper Water Source Coordination Worksheet



NAME:	Lake Success, Kern County CA		last update 12/8/17 by J Robinson		
Latitude*:	N 36 04.00	Longitude*:	W 118 55.14	Elevation:	685'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Primary Lake Contacts:	
Owner:	US Army Corp of Engineers
Name:	Charles E. Fenwick
Phone	O: 559-784-0215 C: 559-586-9210

CONTACT NEEDED PRIOR TO SCOOPING?

YES - Contact US Army Corp, Sheriff, and Marina pre and post operations.

Law Enforcement:	
Name:	Tulare County Sheriff
Phone:	Dispatch 559-733-6218
Notes:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES – Corp will determine if recreation needs to be cleared.

Fire Administration Information:	
Agency:	Sequoia NF - Porterville
Location:	559-784-1500
Agency:	CalFire – TUU – Unit Chief Marc Hafner
Phone:	559-732-5954

Known Hazards:	
Structure(s):	Dam on south end of reservoir. Power lines S and W of lake. See diagram.
Water:	Submerged trees north end of white buoys, good water clarity 8/21/16.
Recreation:	High recreational use.
Other:	Marina NE corner.

Known Invasive Species:	None per USGS AIS search on 8/21/16.
--------------------------------	--------------------------------------

Environmental Mitigations Needed Pre/Post Scooping:	Ensure aircraft is clean before use in water body.
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.	

Comments:	Close proximity to PTV airport and Tanker Base. Base ramp freq 123.975 and PTV dispatch on NFF. Lake Success Marina contact: 559-539-2341. Contact US Army Corp, Sheriff, and Marina prior to operations.
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Scooper Water Source Coordination Worksheet



TOC

NAME:	Lake Isabella, Kern County, CA last update 12/8/17 by J Robinson				
Latitude*:	35°39.81'	Longitude*:	118°27.47'	Elevation:	2560'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Kern River Ranger District
Name:	Lake Isabell Office
Phone:	760-379-5646
	US Army Corp of Engineers (Sacramento)
Phone:	916-557-7461

CONTACT NEEDED PRIOR TO SCOOPING?

YES – Contact Lake Patrol

Law Enforcement Jurisdiction:	
Name:	Kern County Parks & Recreation Lake Patrol, 760-379-7114 (Brad)
Alt Phone:	760-379-2806
Alt Contact:	Kern County Sheriff – 760-549-2100
Emergency	661-861-3110 (After Hours)

PERMISSION NEEDED PRIOR TO SCOOPING?

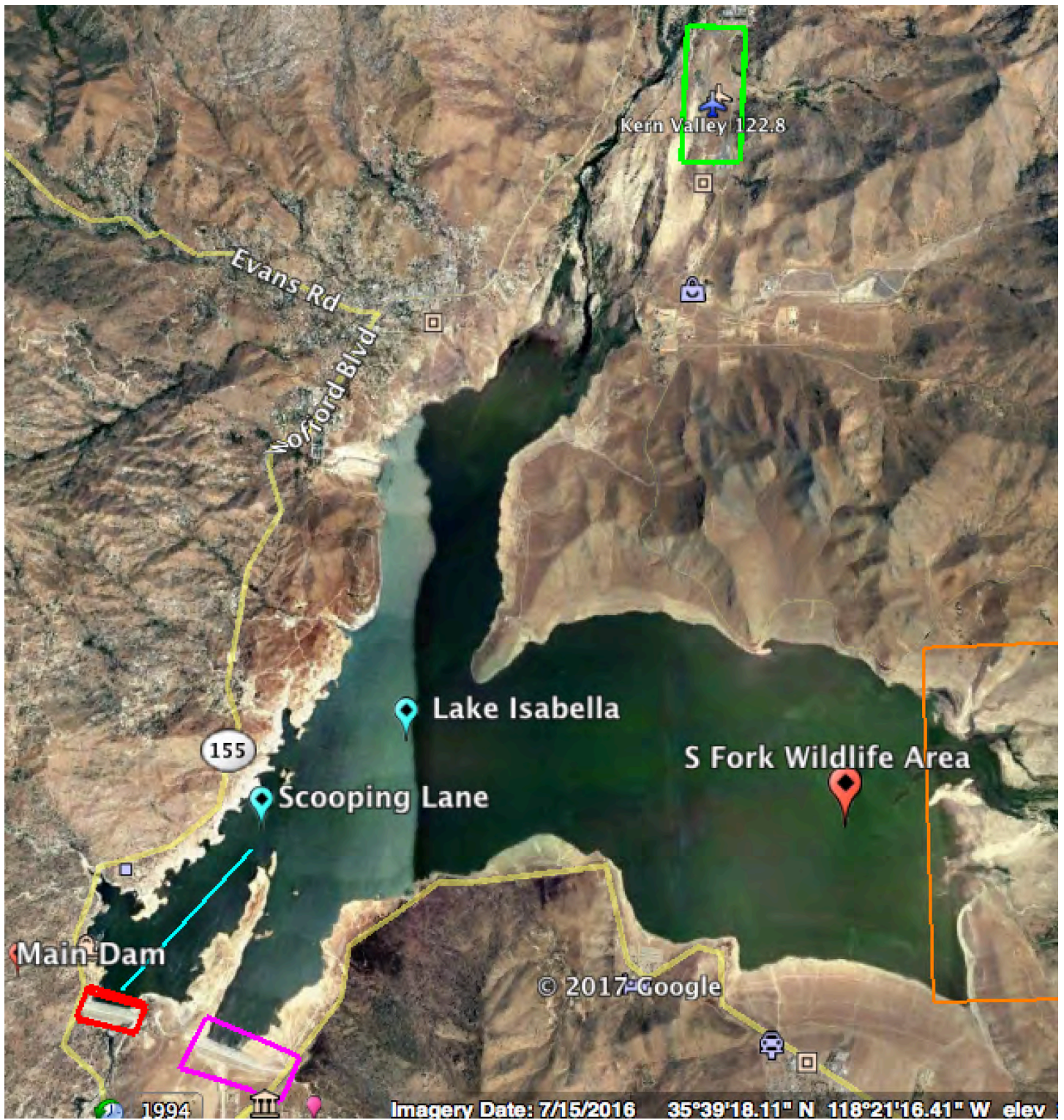
NO

Fire Administration Information:	
Agency:	USFS - Sequoia NF
Location:	Kern River RD 760-379-5646
Agency:	Kern County Fire Department
Phone:	661-324-6551

Known Hazards:	
Structure(s):	Dam SW corner, Aux Dam S, Towers S of Dam @2746 MSL / 228 AGL
Water:	Verify Depth per seasonal fluctuations. Trees in main body of lake, use NW arm by the dam.
Recreation:	5 Boat launches (Various), Windsurfing, General Recreation
Other:	Borel Canal (W side), Submerged Fencing (S. Fork area), wildlife area E end. The Borel Canal, an eight foot deep concrete channel supplying water to the power plant downstream from the Auxiliary Dam, cuts right through the western part of Lake Isabella where the water may be deceptively shallow. Unmarked underwater hazards, such as submerged fencing (particularly near the South Fork area), tree snags, rock outcroppings, sand spits and islands appear and disappear with Lake Isabella's ever-changing water level.

Known Invasive: Daphnia Water Flea, Curly Leaf Pond Weed, occasional algae blooms, USGS AIS Survey 10/1/17

Environmental Mitigations Needed Pre/Post Scooping:
Tank Decontamination conducted per AWSA Operations Plan & AFI Aquatic Invasive Species Mitigation Plan.
Comments: PIO distribute AWSA notification signage at boat launches & make notification via conventional and social media for sustained operations. Used multiple times in 2016 by CL-415 aircraft.



TOC



Scooper Water Source Coordination Worksheet



TOC

NAME:	Monterey Bay National Marine Sanctuary				
Latitude*:	Varies by Incident	Longitude*:		Elevation:	Sea Level

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	NOAA
Name:	Scott Kathey
Phone:	831-647-4251
Cell:	831-236-6797
Email:	Scott.kathey@noaa.gov

CONTACT NEEDED PRIOR TO SCOOPING?

YES X

Law Enforcement Jurisdiction:	
Name:	Bob Yerna
Emergency Phone:	800-853-1964
Cell:	831-760-0122
Location:	Monterey, CA
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES X

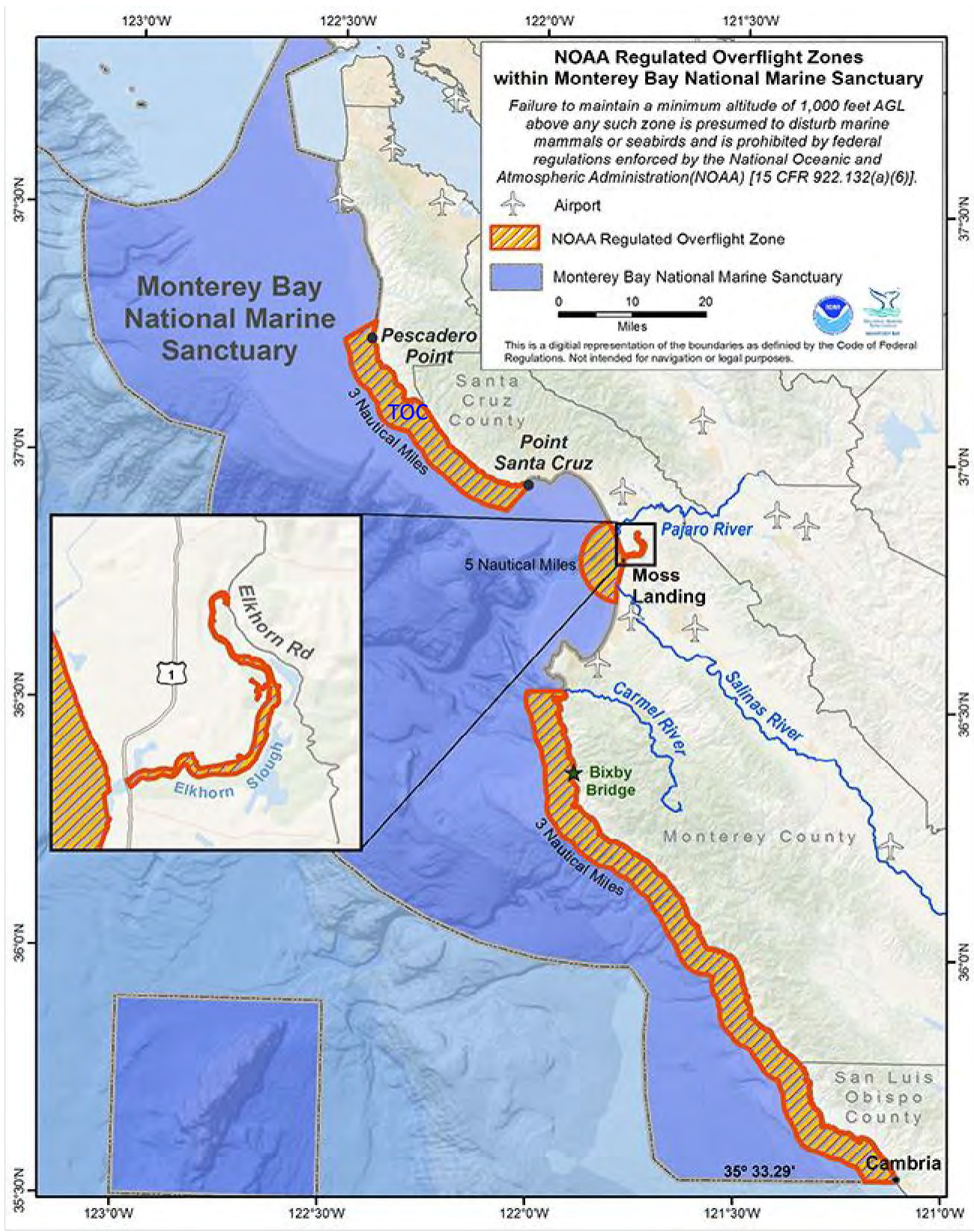
Administration Information:	
Forest/Bureau/State:	Scott Kathy
Location:	99 Pacific St. Bldg. 455A Monterey, CA 93940
Phone:	831-647-4251
Email:	Scott.Kathy@noaa.gov

Known Hazards:	
Structure(s):	Research and navigational buoys, deployed commercial floats, lines, nets, traps & anchors.
Water:	Kelp forests, semi-submerged rocks and pinnacles, concentrations of sea birds with potential for bird strikes.
Recreation:	Surfers.
Other:	https://montereybay.noaa.gov/
Known Invasive Species: None.	

Environmental Mitigations Needed Pre/Post Scooping:
Tank Decontamination conducted per AWSA Operations Plan & AFI Aquatic Invasive Species Mitigation Plan.

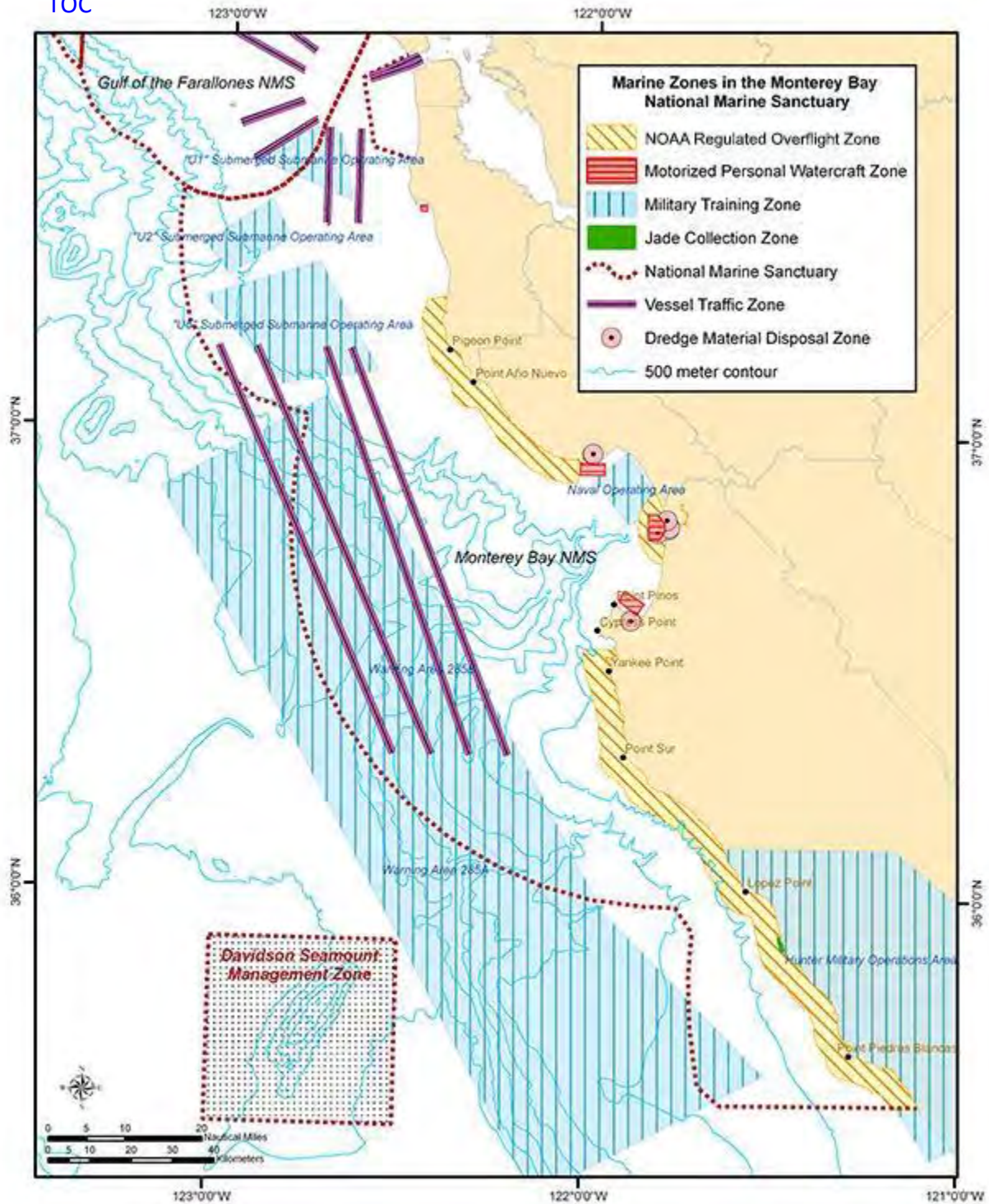
Comments:

NOAA REGULATED OVERFLIGHT ZONES IN MONTEREY BAY NATIONAL MARINE SANCTUARY

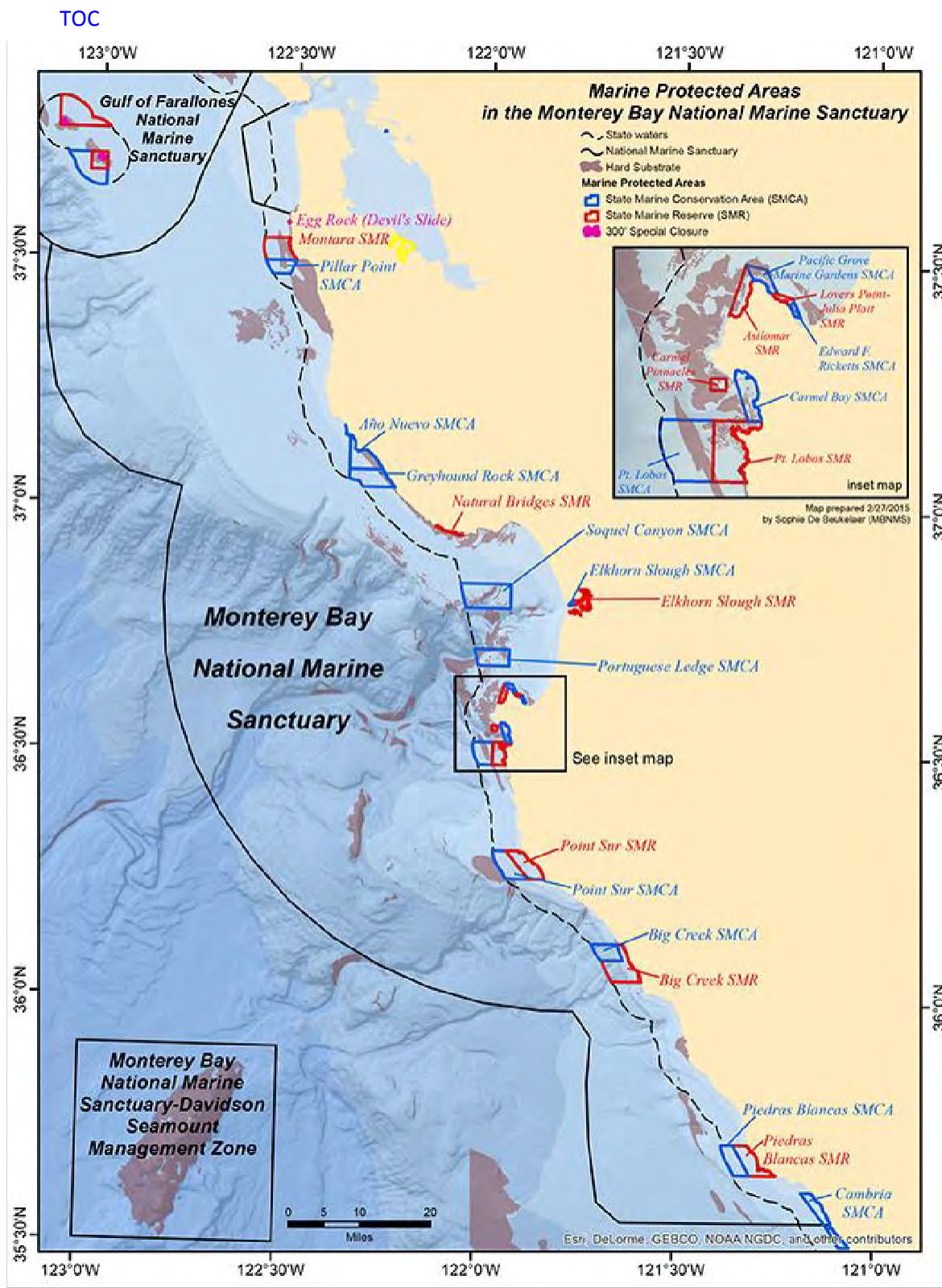


MARINE ZONES

TOC

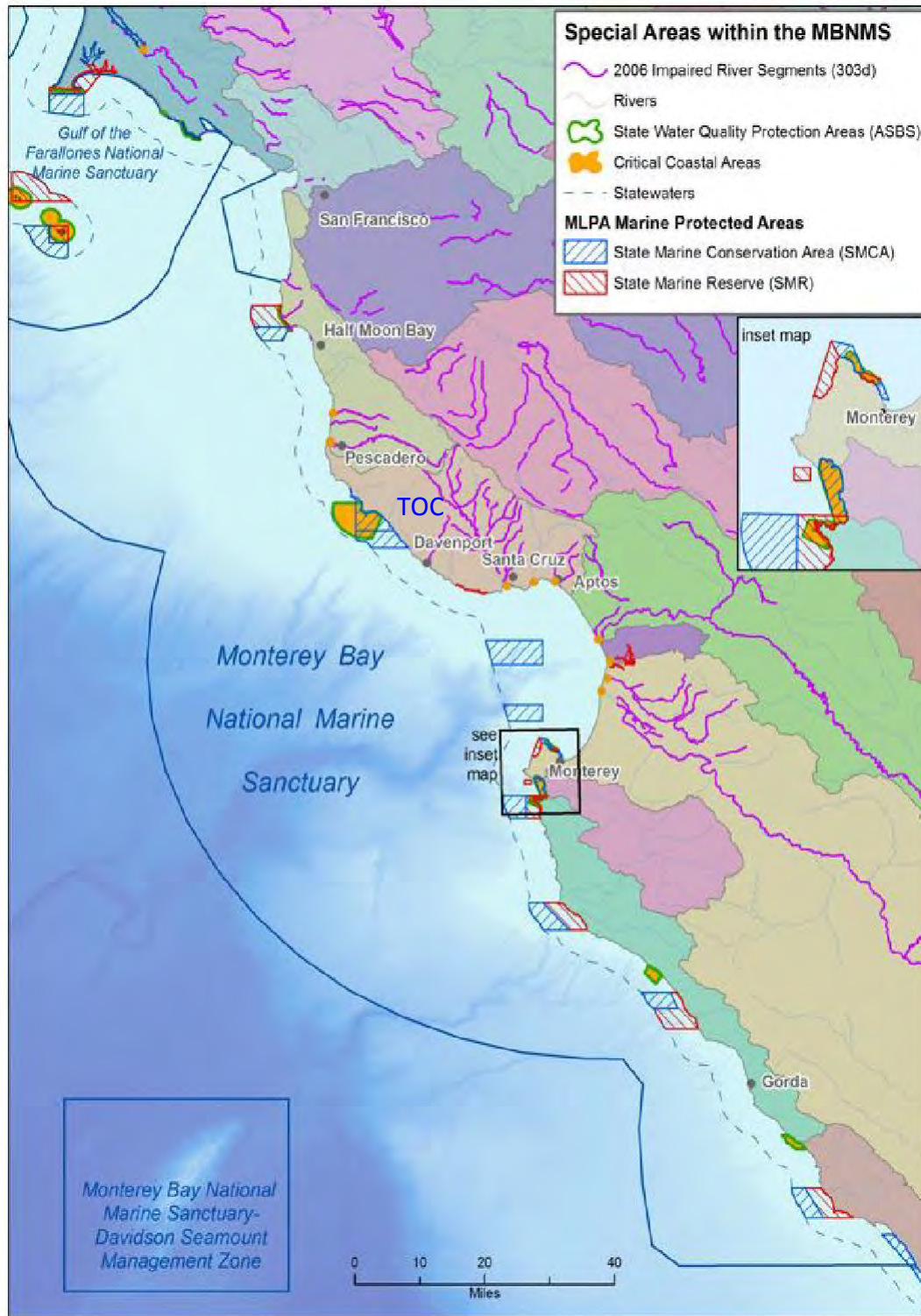


MARINE PROTECTED ZONES



SPECIAL PROTECTED AREAS WITHIN MONTEREY BAY NATIONAL MARINE SANCTUARY

TOC





Scooper Water Source Coordination Worksheet



TOC

NAME:	San Antonio Lake				
Latitude*:	34 47' N	Longitude*:	120 53' W	Elevation:	780'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Monterey County Resources Agency
Name:	Chris Moss Sr. Water Resources Engineer
Phone:	(831) 206-2083 Cell
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

YES X

Law Enforcement Jurisdiction:	
Name:	Monterey County ECC
Phone:	911
Location:	1326 Natividad Rd, Salinas CA 93906
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES X

Law Enforcement Jurisdiction:	
Name:	San Luis Obispo County Sheriff Dispatch
Phone:	(805) 781-4550
Location:	North Station 356 North Main Street Templeton, CA 93408

Law Enforcement Jurisdiction:	
Name:	Monterey County Parks Department Park Ranger Casey Nielsen
Phone:	(805) 471-7668
Location:	1326 Natividad Rd, Salinas CA 93906

Administration Information:	
Forest/Bureau/State:	Brent Buche
Location:	893 Blanco Circle, Salinas CA 93901
Email:	bucheb@co.monterey.ca.us
Phone:	(831) 755-8982 Office (831) 901-6703 Cell

Known Hazards:	
Structure(s):	Earth Filled Dam, Recreational Boating, and Boat Docks
Water:	In-Flow runoff from watershed
Recreation:	Buoys, and boats

Known Invasive Species:	None but Quagga Mussels are non-native and pose a threat.
--------------------------------	---

Comments:





Scooper Water Source Coordination Worksheet



TOC

NAME:	Nacimiento Lake				
Latitude*:	35* 44	Longitude*:	120*55	Elevation:	805'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Monterey County Water Resource Agency
Name:	Chris Moss PE, Sr. Water Resource Engineer
Phone:	831-206-2083
Email:	mosscc@co.monterey.ca.us

CONTACT NEEDED PRIOR TO SCOOPING?

YES X

Law Enforcement Jurisdiction:	
Name:	Monterey County Emergency Comm.
Phone:	831-755-5111 (Salinas Number)
Location:	1326 Natividad Rd., Salinas, CA 93906
Email:	N/A

PERMISSION NEEDED PRIOR TO SCOOPING?

YES X

Administration Information:	
Forest/Bureau/State:	Monterey County Parks Park Ranger Casey Nielsen
Location:	10625 Nacimiento Lake Drive, Bradley, CA 93426
Phone:	805-471-7668
Email:	N/A

Known Hazards:	
Structure(s):	
Water:	
Recreation:	
Other:	

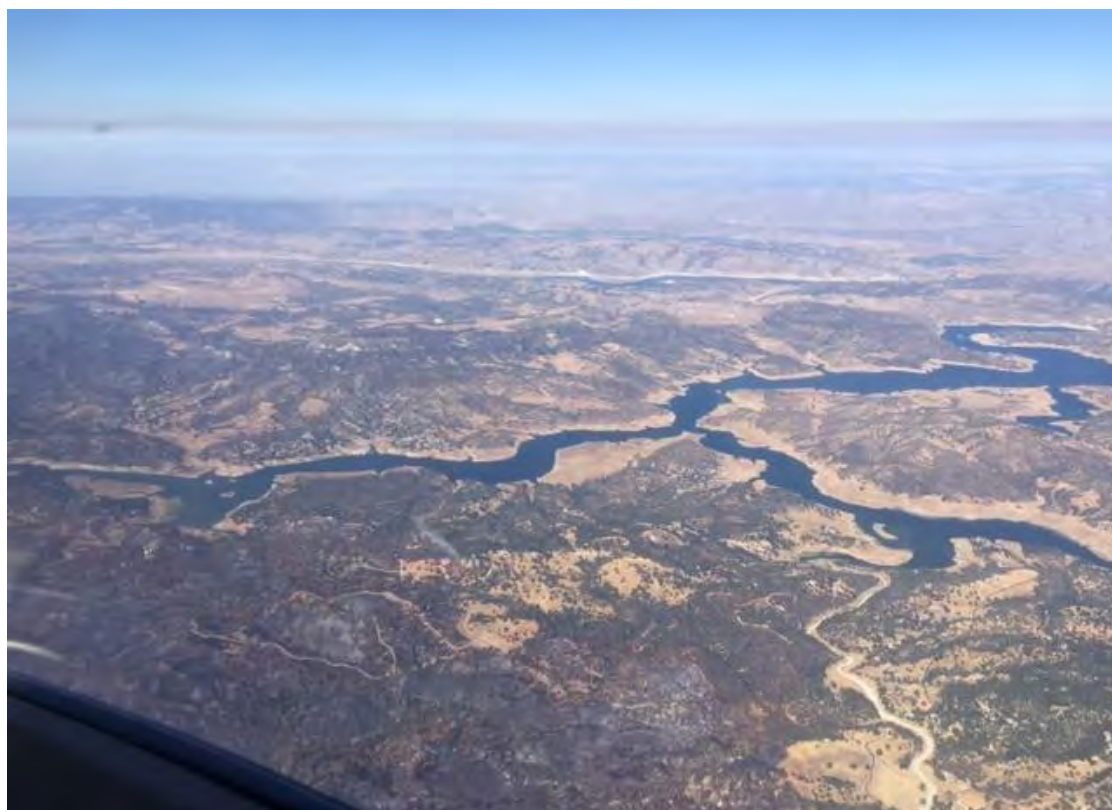
Known Invasive Species: None	
Environmental Mitigations Needed Pre/Post Scooping: Planes need to be disinfected prior to scooping at the lake	

TOC

SCOOPING LANES & AERIAL HAZARDS



AERIAL VIEWS (2017)





Scooper Water Source Coordination Worksheet



TOC

NAME:	Whale Rock Reservoir				
Latitude*:	35° 27'	Longitude*:	120° 52'	Elevation:	218'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Whale Rock Commission
Name:	Noah Evans
Phone:	805-995-3701
Cell:	805-540-8529
Email:	nevans@slocity.org

CONTACT NEEDED PRIOR TO SCOOPING?

YES X

Law Enforcement Jurisdiction:	
Name:	N/A (there is no public access)
Phone:	
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

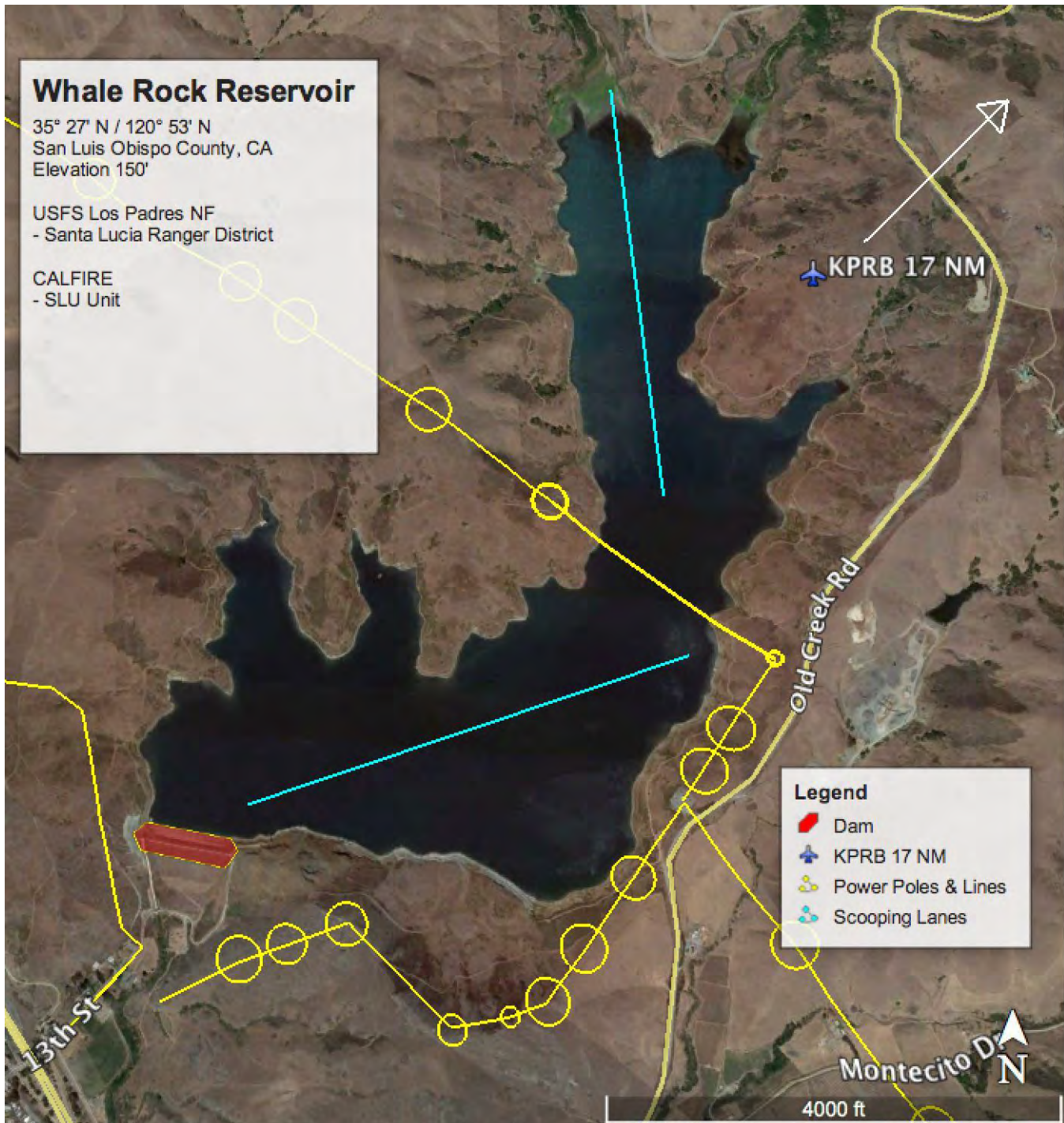
YES X

Administration Information:	
Forest/Bureau/State:	Noah Evans
Location:	108 E. 13th St., Cayucos, CA
Phone:	805-995-3701
Cell:	805-540-8529
Email:	nevans@slocity.org

Known Hazards:	
Structure(s):	Dam.
Water:	None.
Recreation:	None.
Other:	Powerlines.

Known Invasive Species: No non-native shellfish. There are non-native Sacramento sucker fish.

Environmental Mitigations Needed Pre/Post Scooping: Planes need to be disinfected prior to scooping from Whale Rock Reservoir.



AERIAL VIEWS (2017)

TOC





Scooper Water Source Coordination Worksheet



TOC

NAME:	Santa Margarita Lake				
Latitude*:	35 32	Longitude*:	120 49	Elevation:	1300'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	County of San Luis Obispo
Name:	Don Melin, Supervising Ranger
Phone:	805-788-2415
Cell:	805-975-3003
Email:	dmelin@co.slo.ca.us

CONTACT NEEDED PRIOR TO SCOOPING?

YES X

Law Enforcement Jurisdiction:	
Name:	San Luis Obispo County Sheriff
Phone:	805-781-4550
Location:	San Luis Obispo
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES X

Administration Information:	
Forest/Bureau/State:	San Luis Obispo County Parks
Location:	San Luis Obispo
Phone:	805-788-2415
Cell:	805-975-3003
Email:	dmelin@co.slo.ca.us

Known Hazards:	
Structure(s):	Rocky Points, docks, trees near shore, narrow steep canyons and dam.
Water:	Shallow areas at headwaters and stream outlets.
Recreation:	This lake is popular destination for boaters and fishing.
Other:	Buoys and boats.

Known Invasive Species: This lake does contain Parrot feather (<i>Myriophyllum acuaticum</i>) which is A non-native invasive freshwater plant.
Environmental Mitigations Needed Pre/Post Scooping: Pre-use inspection required, 30 day Quarantine from last use, must be clean and dry. Ensure aircraft and associated equipment has been Prepared for invasive by disinfecting prior to scooping.

Comments:

SCOOPING LANES & AERIAL HAZARDS



AERIAL VIEWS (2017)

TOC





Scooper Water Source Coordination Worksheet



TOC

NAME:	Cachuma Lake				
Latitude*:	34 58.6	Longitude*:	119 98.1	Elevation:	753'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Santa Barbara County Parks
Name:	Graham Williams
Phone:	805-540-4512
Email:	gwilliams@sbparks.org

CONTACT NEEDED PRIOR TO SCOOPING?

YES X Contact Santa Barbara County ECC
(805) 681-4100

Law Enforcement Jurisdiction:	
Name:	Santa Barbara County Sheriff Dispatch
Phone:	805-681-4100
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

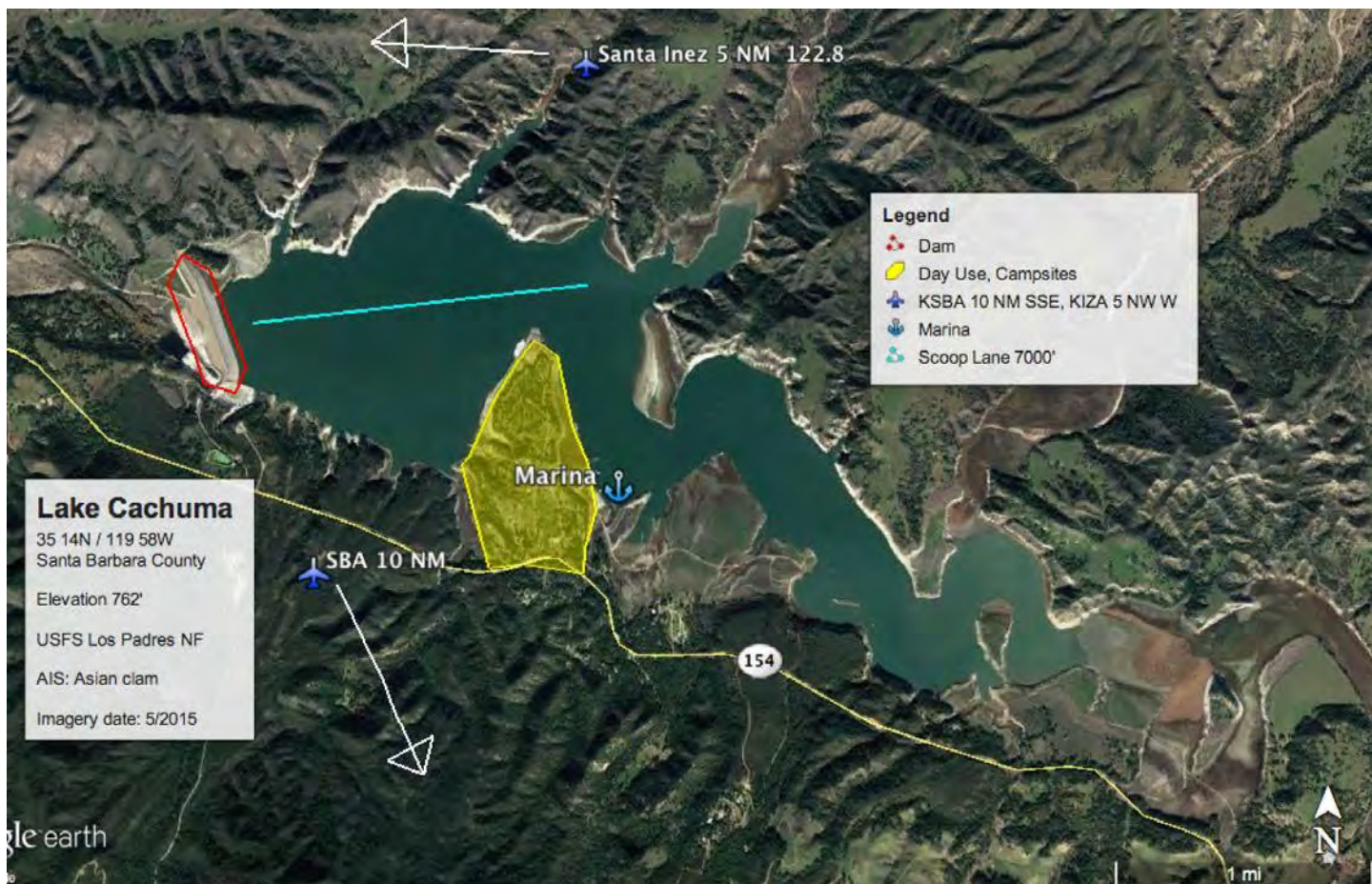
YES _X_

Administration Information:	
Forest/Bureau/State:	Santa Barbara County Parks
Location:	123 E. Anapamu Santa Barbara Ca, 93101
Email:	
Phone:	805-568-2460

Known Hazards:	
Structure(s):	Dam on the west side of the lake
Water:	Shallow on the east side of the lake
Recreation:	Boats, and Buoys.
Other:	

Known Invasive Species: Asian Clam

Environmental Mitigations Needed Pre/Post Scooping: Planes need to be disinfected prior to scooping at the lake.





Scooper Water Source Coordination Worksheet



TOC

NAME:	Lake Casitas, Ventura County				
Latitude:	34° 23' N	Longitude:	119° 20' W	Elevation:	338'

Operational Control:	
Owner:	Casitas Municipal Water District (CMWD)
Contact:	Steve Wickstrum
Phone:	805-649-2251 ext. 112
Cell:	805-750-1159
Email:	swickstrum@casitaswater.com

PERMISSION NEEDED PRIOR TO SCOOPING?

YES X

Law Enforcement Jurisdiction:	
Name:	Ventura County Sheriff Office
Phone:	805-646-1414
Location:	Ojai Station

CONTACT NEEDED PRIOR TO SCOOPING?

YES X

Administration Information:	
Forest/Bureau/State:	Los Padres NF
Location:	Brian Sexton - FAO
Phone:	805-350-3717

Known Hazards:	
Structure:	Dam/steel cable & buoys at south end of the lake.
Water:	Water level fluctuates seasonally. Currently at historic drought lows of 40% (Aug. 2017).
Recreation:	Watercraft throughout lake except south of steel cable and buoys at dam near Ayers Creek.
Other:	RC Aircraft north of the lake operating in recreational area depicted on the map shaded yellow.

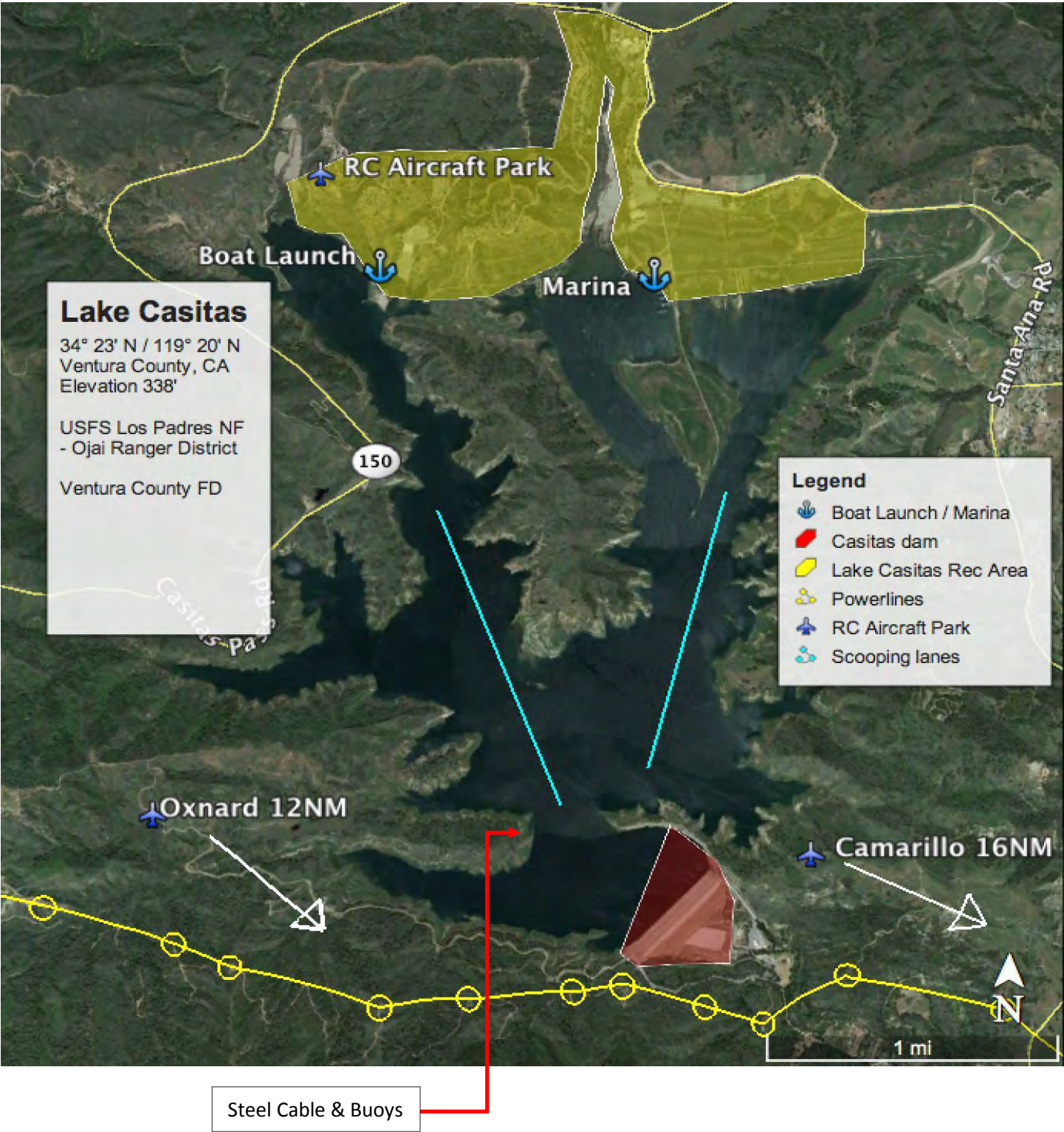
Known Invasive Species: Asian Clam

Environmental Mitigations Needed Pre/Post Scooping:	
Tank & Aquatic equipment treated by thermal decon procedures prior to scooping Lake Casitas, if aircraft has been to any other body of water (regardless of invasive species presence) and not been through thermal decon.	
Comments: The thermal decon needs to take place regardless of presence in previous scooped lakes.	

SCOOPING LANES

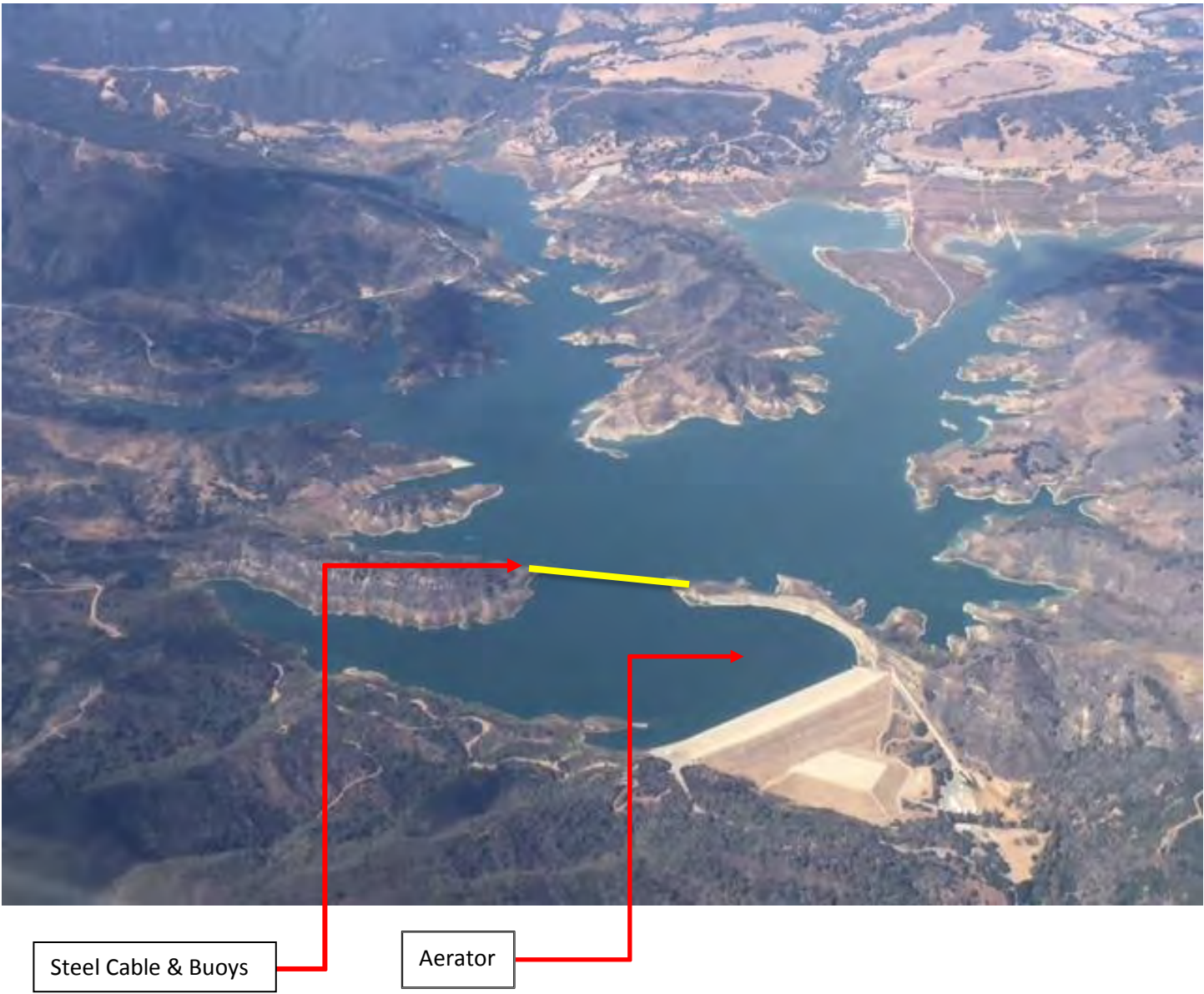
TOC

S



AERIAL PHOTO LAKE CASITAS (2017)

TOC





Scooper Water Source Coordination Worksheet



TOC

NAME:	Lake Piru (Ventura County)				
Latitude:	34° 29' N	Longitude:	118° 45' W	Elevation:	984'

Operational Control:	
Owner:	Ca. Dept. Water Resource LA DWP
Contact:	Clayton Strayhan Park Supervisor
Phone:	(805) 626-4897 Cell (805) 832-7154 HM
Location:	Piru, CA

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☒ _X_

Law Enforcement Jurisdiction: Ventura County Park	
Name:	Mike Ellis Lead Park Ranger
Phone:	(805) 804-7123
Location:	Lake Piru, CA
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☒ _X_

Administration Information:	
Forest/Bureau/State:	Los Padres NF
Location:	Brian Sexton - FAO
Phone:	805-350-3717

Known Hazards:	
Structure:	Dam South End of the Lake 1074'
Water:	Boats docked along west shore
Recreation:	Boats docked along west shore
Other:	Power lines along shorelines/Condors/Terrain

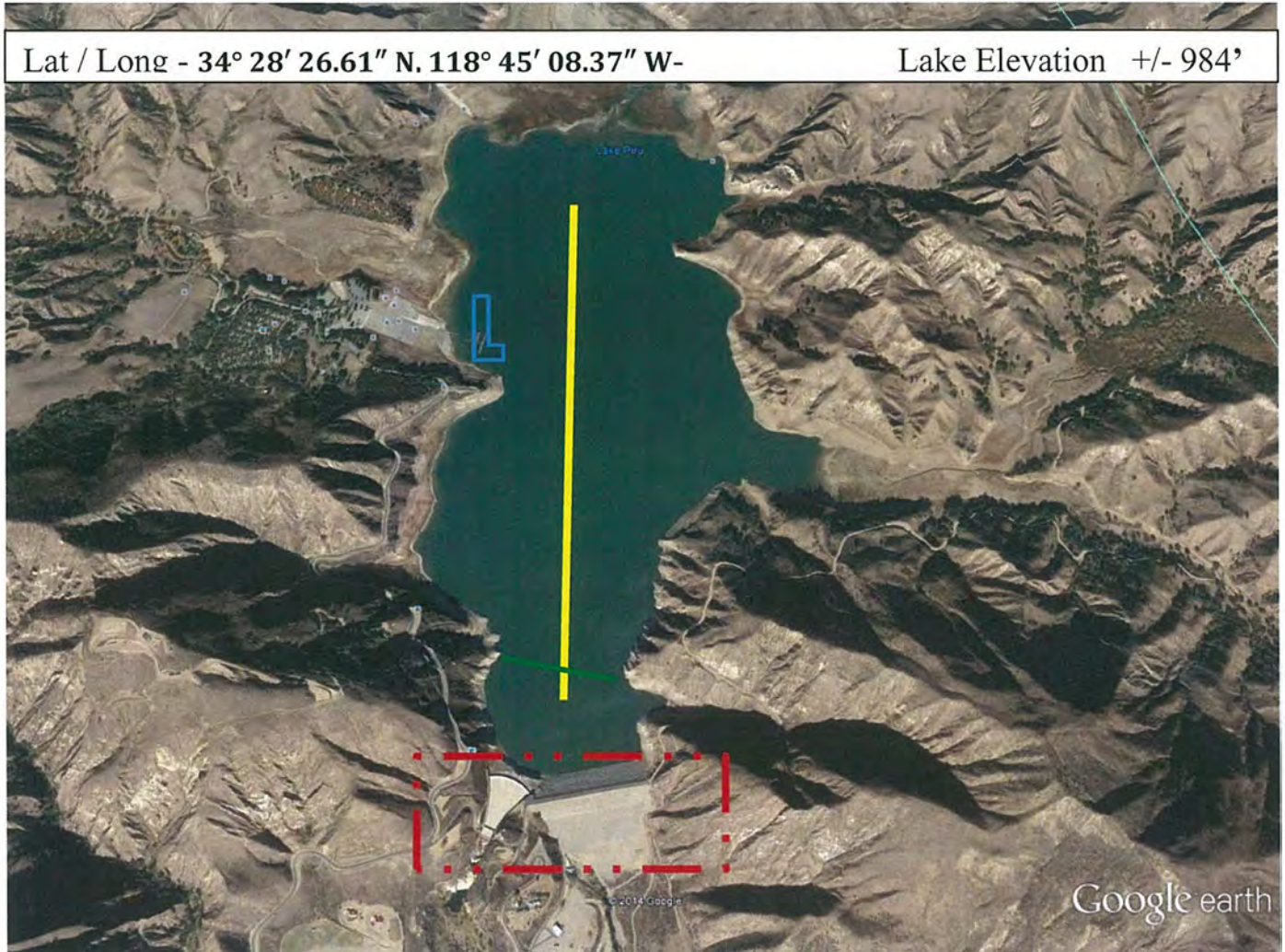
Known Invasive Species: Quagga Mussels, Asian Clams
--

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per the AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Notify Park before use, also notify Santa Felicia Dam @ (805) 521-1500

USDA Forest Service CL-415 Lake Coordination Info

Lake Piru



6228 Feet Long

1280 Feet wide at the narrowest Point



Dam 40+ Feet above
water level, maybe be
higher at times



Boat Docks



Scooper Water Source Coordination Worksheet



TOC

NAME:	Quail Lake – LA County updated 12/8/17 by J Robinson				
Latitude*:	34°46' N	Longitude*:	118°45' W	Elevation:	3320'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Ca Dept. Water Resources
Name:	Ca Aqueduct System – STHN Field Div. Area Control Center
Phone:	661-944-8600 (24/7)
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Law Enforcement Jurisdiction:	
Name:	CA DWR (Area Control Center)
Phone:	661-944-8600 (24/7)
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

LA County Lake utilized by contract CL-415's (Quebec) and LAC/USFS rotor wing during fire operations and per ANF Lake Coordination Document

Fire Administration Information:	
Agency:	USFS - ANF
Location:	Kern County Fire
Email:	Ventura County Fire
Phone:	

Known Hazards:	
Structure(s):	Dam West end, access road East end.
Water:	Island of North shore East end of lake
Recreation:	Shore Fishermen
Other:	Small airport East end of lake (Quail Lake- Pvt.) 122.9

Known Invasive Species: None per USGS AIS database search on 9/30/16 by J Robinson

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments:
Used by USFS CL-415s for proficiency flights. Lake is good.



5542 Feet Long



618 Feet wide at the narrowest Point





Scooper Water Source Coordination Worksheet



TOC

NAME:	Pyramid Lake - Los Angeles County, CA			11/1/17 by J Robinson	
Latitude*:	34° 39' N	Longitude*:	118° 46' W	Elevation:	2580'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	State of CA Dept. of Water Resources
Name:	LA County Sheriff Dept.
Phone:	661-255-1121 (24/7 Leave Mgs if no ans.)
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Law Enforcement Jurisdiction:	
Name:	LA County Sheriff Dept.
Phone:	661-257-4362
Location:	Pyramid Lake
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Fire Administration Information:	
Agency:	LAC-Los Angeles County Fire/ANF Angeles
Location:	
Email:	
Phone:	

*LA County Lake, utilized extensively by contract CL-415's (Quebec) and LAC / USFS rotor wind during fire operations, and per ANF Lake Coordination document

Contact: LACO Sheriff 661-257-4362 / 255-1121

*call when ops complete

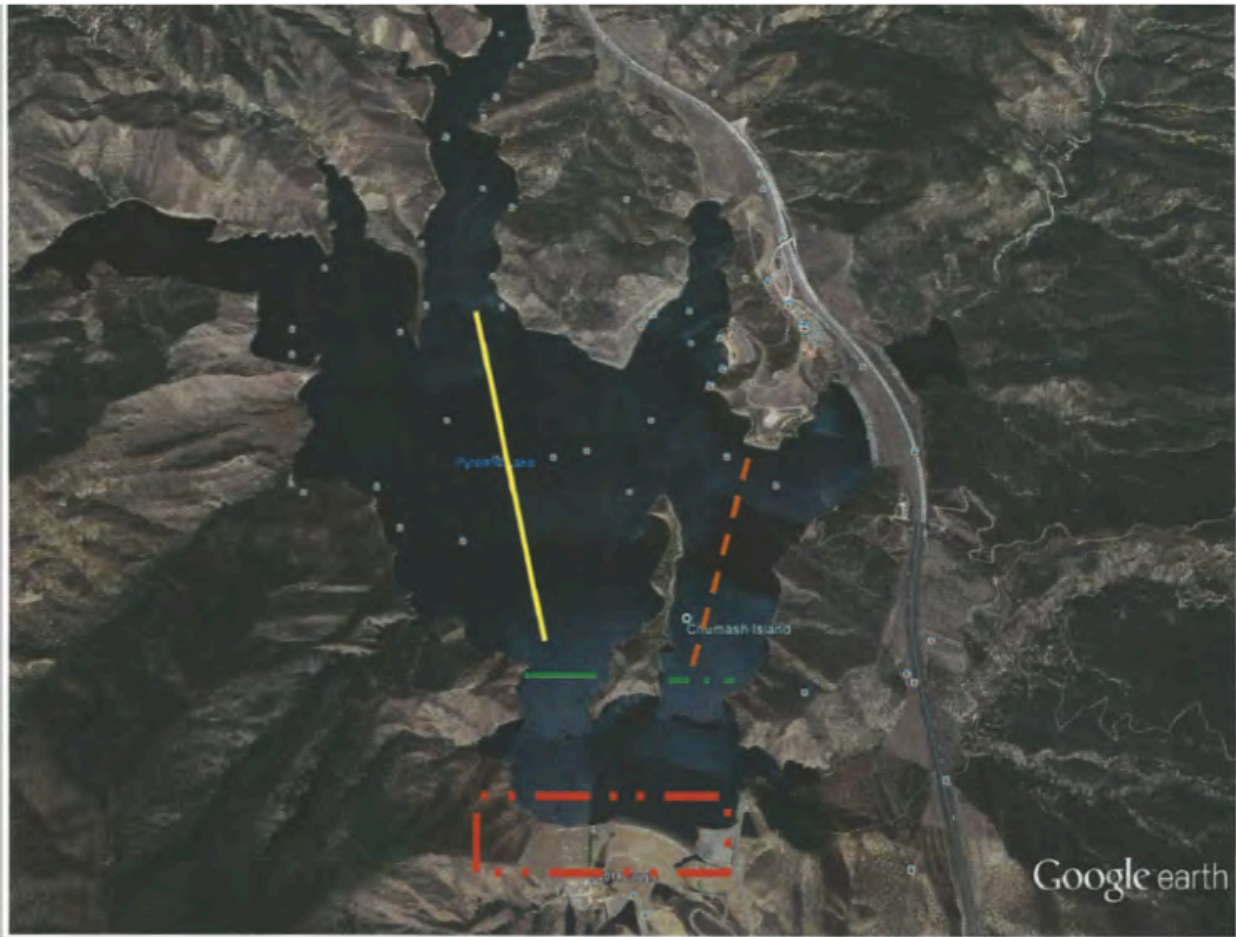
If no answer leave message

Known Hazards:	
Structure(s):	Dam south end of lake – 2620'
Water:	Large island South end of lake North of dam
Recreation:	Boats, Jet skis
Other:	Power lines, terrain around lake, LAC Fire (Quebec) 415's, USFS & LAC fire helicopter ops.

Known Invasive Species:	None per USGS AIS database search on 9/30/16 by J Robinson
--------------------------------	--

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments:	Pyramid used by LACo Scoopers (Quebec) and LACo and USFS Helicopters during Fire ops. Water level good per 9/25/16 aerial survey
------------------	--



5497 Feet Long

714 Feet wide at the narrowest Point



Dam 40+ Feet above water level, maybe be higher at times

3460 Feet long

616 feet Wide



Scooper Water Source Coordination Worksheet



TOC

NAME:	Castaic Lake, Los Angeles County, CA 12/8/17 by J Robinson				
Latitude*:	34° 31' N	Longitude*:	118° 36' W	Elevation:	1500'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Los Angeles County Parks
Name:	Dispatch Office
Phone:	661-257-4050 (sunrise-Sunset)
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Law Enforcement Jurisdiction:	
Name:	LA County Sheriff Dispatch
Phone:	
Location:	800-834-0064 (24Hr)
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Fire Administration Information:	
Agency:	Lori Bennet-Park Superintendent
Location:	
Email:	
Phone:	310-345-8834

*LA County Lake, Utilized by contract CL-415's (Quebec) and LAC/USFS rotor wing during fire operations.

Contact: LA County Sheriff

Also notify:

Paul Scalin 213-367-0791/213-367-1036

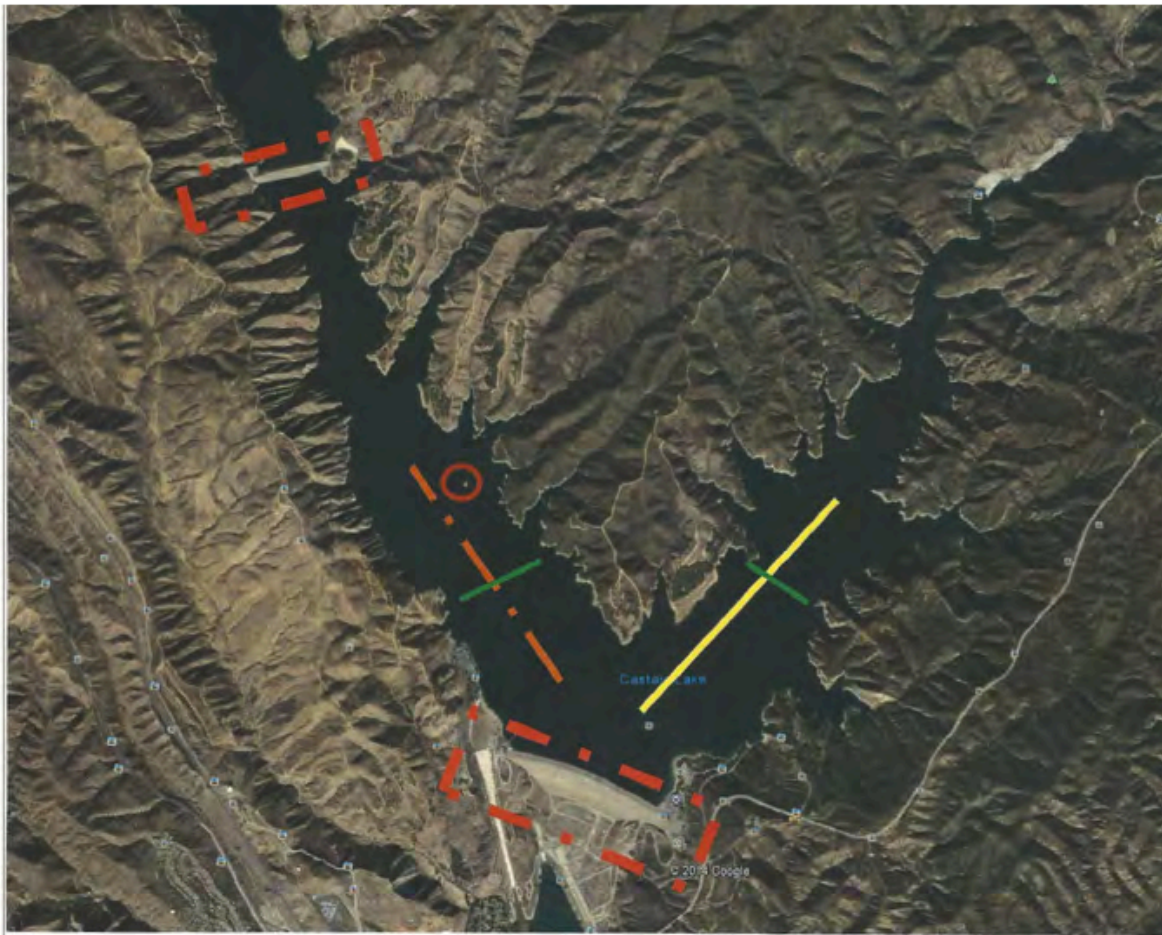
John Miller 213-367-1035 / 213-367-8246

Known Hazards:	
Structure(s):	Dam 1539' SW end of lake
Water:	Small Island NW arm of lake
Recreation:	Boats
Other:	Numerous Powerlines, Bridges NW arm of lake

Known Invasive Species: None per USGS AIS database search on 9/30/16 by J Robinson

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Used by USFS and Laco CL-415s December 2017.



9206 Feet Long

1560 Feet wide at the narrowest Point

7645 Feet Long

2294 Feet wide at the narrowest

Dam Site
water level
higher

Small Island



Scooper Water Source Coordination Worksheet



TOC

NAME:	Bouquet Canyon Reservoir - LA County				11/1/17 by J Robinson
Latitude*:	34°34' N	Longitude*:	118°22' W	Elevation:	2964'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	City of Los Angeles Dept of Power & Water
Name:	DWP Aqueduct Business Group
Phone:	213-367-1036 (M-F 0700-1600)
Email:	213-272-8246 (24Hour Phone)

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☒

Law Enforcement Jurisdiction:	
Name:	LA Co. Sheriff
Phone:	
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

NO ☒

*LA County lake utilized by LA County contract CL-415 scoopers (Quebec) and LAC/USFS rotor wing during fire operations

Fire Administration Information:	
Agency:	LAC LA County Fire/ ANF-Angeles
Location:	
Email:	
Phone:	

Also notify

Paul Scanlin 213-367-0791 / 213-367-1036

John Miller 213-367-1035 / 213-367-8246

Known Hazards:	
Structure(s):	Dam South elevation 3012' MSL and West.
Water:	Water level low but usable per Oct. 2017 survey, island middle of lake.
Recreation:	None allowed.
Other:	Powerlines, KV lines in area, terrain North and East.

Known Invasive Species: Asian Clam 2003, per USGS AIS database search on 9/30/16 by J. Robinson, ANF plan notes Quagga Mussels, but USGS AIS survey and CA Dept of Fish / Wildlife say no Quagga Mussels.

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Used extensively by LAC Scoopers and LAC/USFS Helicopters during Fire ops.



5414 Feet Long



1485 Feet wide at the narrowest Point



Dam 50+ Feet above water level, maybe higher at times



Small Island in the lake



Scooper Water Source Coordination Worksheet



TOC

NAME:	Lake Palmdale – LA County	last update 12/8/17 by J Robinson			
Latitude*:	34°33' N	Longitude*:	118°07' W	Elevation:	2800'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	LA DWP
Name:	Dennis LaMoreaux
Phone:	661-947-4111 (M-F 0800-1700)
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Law Enforcement Jurisdiction:	
Name:	
Phone:	
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Fire Administration Information:	
Agency:	LAC/ANF
Location:	
Email:	
Phone:	

Other Contacts: Assistant General Manager 661-947-4111 (M-F 0800-1700)
Pete Thompson JR – Plant Operator 661-917-6042

Scooping Lane 3000'

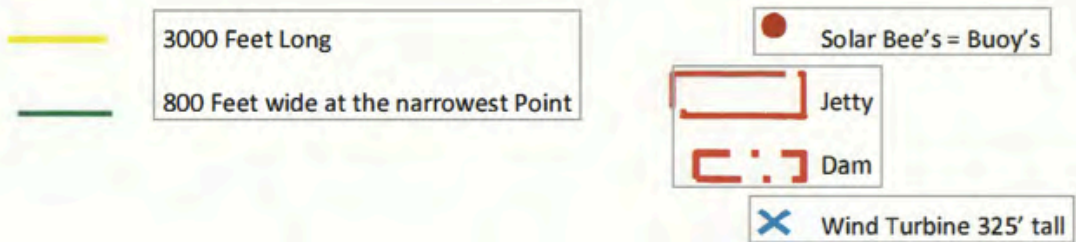
Contact: Lake Ops 661-947-4111 * CALL BEFORE OPS

Known Hazards:	
Structure(s):	Dam East end, pier West end
Water:	Clarity and depth good December 2017
Recreation:	Fish and Fin club
Other:	Wind Tower, powerlines, terrain, Floating lake circulators

Known Invasive Species: None per USGS AIS database search on 9/30/16 by J. Robinson

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Avoid proficiency flights on weekends due to Fish and Fin club activities if possible.





Scooper Water Source Coordination Worksheet



TOC

NAME:	Santa Fe Dam Recreation Area – LA County		updated 12/8/17 by J Robinson	
Latitude*:	36°06' N	Longitude*:	117°56' W	Elevation: 300'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	LACO Dept. of Parks and Recreation
Name:	Superintendent Tom Loria
Phone:	909-243-9814
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Law Enforcement Jurisdiction:	
Name:	LACO Life Guards – Santa Fe
Phone:	626-334-1065
Location:	Santa Fe Dam Rec Area
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Fire Administration Information:	
Agency:	LACO Fire 323-881-6183
Location:	USFS-ANF- San Gabriel River RD
Email:	626-335-1251, Ext 221
Phone:	

*LA County Lake, Utilized by LACO contract CL-415 Scooper (Quebec) and LAC/USFS rotor wing during fire ops (Superintendent Loria confirmed 10/1/16.

* Contact Santa Fe Dam Rec Admin 626-334-1065

* Call when ops Complete

Known Hazards:	
Structure(s):	Dam East end, South, and distant West. Islands, tree on East dam by park entrance, powerlines East, South, and West see Diagram
Water:	Water level good per Park Superintendent on 10/1/16
Recreation:	Swim beach on SE corner, open Memorial Day thru Labor Day
Other:	RC airplane park 5550' NW of West end of Res. W of 605 FWY and South of 210 FWY. El Monte Airport Class D airspace 1 SW, contact TWR 121.2

Known Invasive Species: Asian Clam 2006 per USGS AIS database search on 9/30/16 by J Robinson.

Environmental Mitigations Needed Pre/Post Scooping:

Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Park Superintendent recommended checking seasonally as water level fluctuates.





Scooper Water Source Coordination Worksheet



TOC

NAME:	Puddingstone – LA County				updated 12/8/17 by J Robinson
Latitude*:	34°05' N	Longitude*:	117°48' W	Elevation:	1000'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	LA County
Name:	Frank G Bonelli Reg. Park
Phone:	909-599-8411
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Law Enforcement Jurisdiction:	
Name:	LACO Fire Lake Lifeguards
Phone:	Supv. Billie Bivens cell 909-720-0927 Supv. Jim Hughes
Location:	On site at Lake Marine 16
Email:	909-599-8411 Park HQ

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Fire Administration Information:	
Agency:	LACO Fire 323-881-6183
Location:	
Email:	USFS-ANF-San Gabriel River RD
Phone:	626-335-1251, Ext. 221

*Used by LACO Quebec Scoopers, Confirmed access and coordination with LACO Lifeguard supervisors.

Contact: Frank G Bonelli Reg. Park, Puddingstone Lake 909-599-8411

*Contact Brackett FAA Tower 909-596-9081

Pilots will coordinate with Brackett Tower (KPOC) on 118.2 Most approach to the lake will be via low approach to 26R or L, wind dependent. Pilots ca coordinate with LACO Lifeguard Boat on Marine 16.

Known Hazards:	
Structure(s):	Dams West and North, Multiple Buoys designating high speed boating area
Water:	Water level lower Oct 2016, shallow 5-6 feet on East cove. Inlet at East cove can develop sandbar.
Recreation:	Will be coordinated with Lifeguards via Park HQ's. (Frank G. Bonelli Reg. Park)
Other:	

Known Invasive Species: None per USGS AIS database survey 9/30/16 by J. Robinson

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Can be used for training mission Currency. Coordinate with LACO Lifeguard Supervisors and FAA Brackett Tower. LACO Lifeguards can monitor Marine Channel 16.





Scooper Water Source Coordination Worksheet



TOC

NAME:	Silverwood Lake – San Bernardino County			updated 12/8/17 by J Robinson	
Latitude*:	34°18.21' N	Longitude*:	117°18.90' W	Elevation:	3380'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	CA Department of Water Resources
Name:	CA Department of Parks and Recreation
Phone:	Silverwood SRA, Tehachapi District HQ
Email:	661-724-1206

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Law Enforcement Jurisdiction:	
Name:	SBD County Sheriff – Twin Peaks Station
Phone:	909-336-0600
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Fire Administration Information:	
Agency:	USFS-SBD-Mountain Top RD
Location:	Fawnskin, CA
Email:	
Phone:	909-382-2790

Contact California Department of Parks and Lake Patrol via Perris Dispatch
951-443-2969

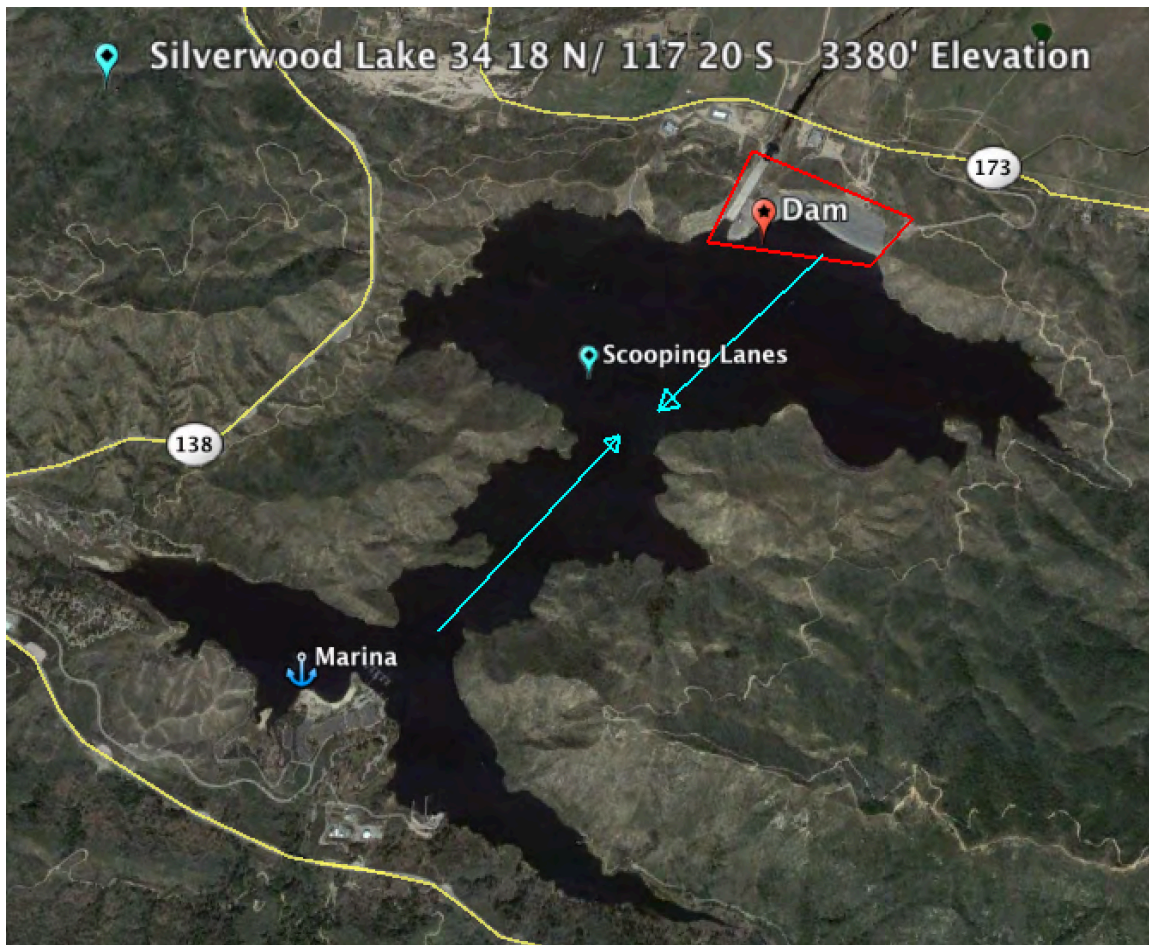
*call when ops completed

Known Hazards:	
Structure(s):	Dam to North, occasional solid buoy line
Water:	Water level high per 9/2016 survey
Recreation:	
Other:	High Terrain West, South East, lower exit to north over dam

Known Invasive Species: None per USGS AIS database query on 9/27/16
--

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Previously used by CL-215's in 2003 and 2007 Lake level good for CL-415 operations per 9/25/16 survey.





Scooper Water Source Coordination Worksheet



TOC

NAME:	Big Bear Lake – San Bernardino County			updated 12/8/17 by J Robinson	
Latitude*:	34°15' N	Longitude*:	116°56' W	Elevation:	6750'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Big Bear Municipal Water District
Name:	
Phone:	909-866-5796
Email:	James Bellis- jbellis@bbmwd.net

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Law Enforcement Jurisdiction:	
Name:	BBMWD Boat Patrol
Phone:	909-383-2790 – Lake Dispatch
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☒

NO ☐

Contact BBMWD Lake Dispatch 909-383-2790

* Call when ops Complete

Fire Administration Information:	
Agency:	USFS – SBD – Mountain Top RD
Location:	Fawnskin, CA
Email:	
Phone:	909-382-2790

Known Hazards:	
Structure(s):	Dam West end, bridge East
Water:	Water level good per 9/2016
Recreation:	High summer and weekends
Other:	Terrain South and North of the lake, Big Bear City Airport, 1NM East of bridge 122.72

Known Invasive Species: Eurasian water milfoil 1963, 1946, 2001, Curlyleaf pond weed 1941,1976

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Contact Lake Patrol on Marine 16 if necessary. Lake level good for 415 ops per 9/25/16 survey
Previously used by AFI CL-215s in 2003,2007 & 2011.





SCOOPER WATER BODY COORDINATION WORKSHEET



TOC

NAME:	Lake Perris, Riverside County, CA Last update 12/8/17 by J Robinson				
Latitude*:	N 33 51	Longitude*:	W 117 10	Elevation:	1578'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	CA Department of Water Resources
Operator:	CA Dept. of Parks, Lake Perris SRA
Phone:	951-443-2969 Lake Perris Dispatch
Contact:	John Rowe – Perris Sector Superintendent

CONTACT NEEDED PRIOR TO SCOOPING?

YES – Lake Perris Dispatch, CL-415 manager call pre and post scooping

Law Enforcement Jurisdiction:	
Name:	Riverside County Sherriff – Perris Station
Phone:	951-776-1099 / 951-210-1000
Location:	137 N. Perris Blvd. Suite A, Perris, CA
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

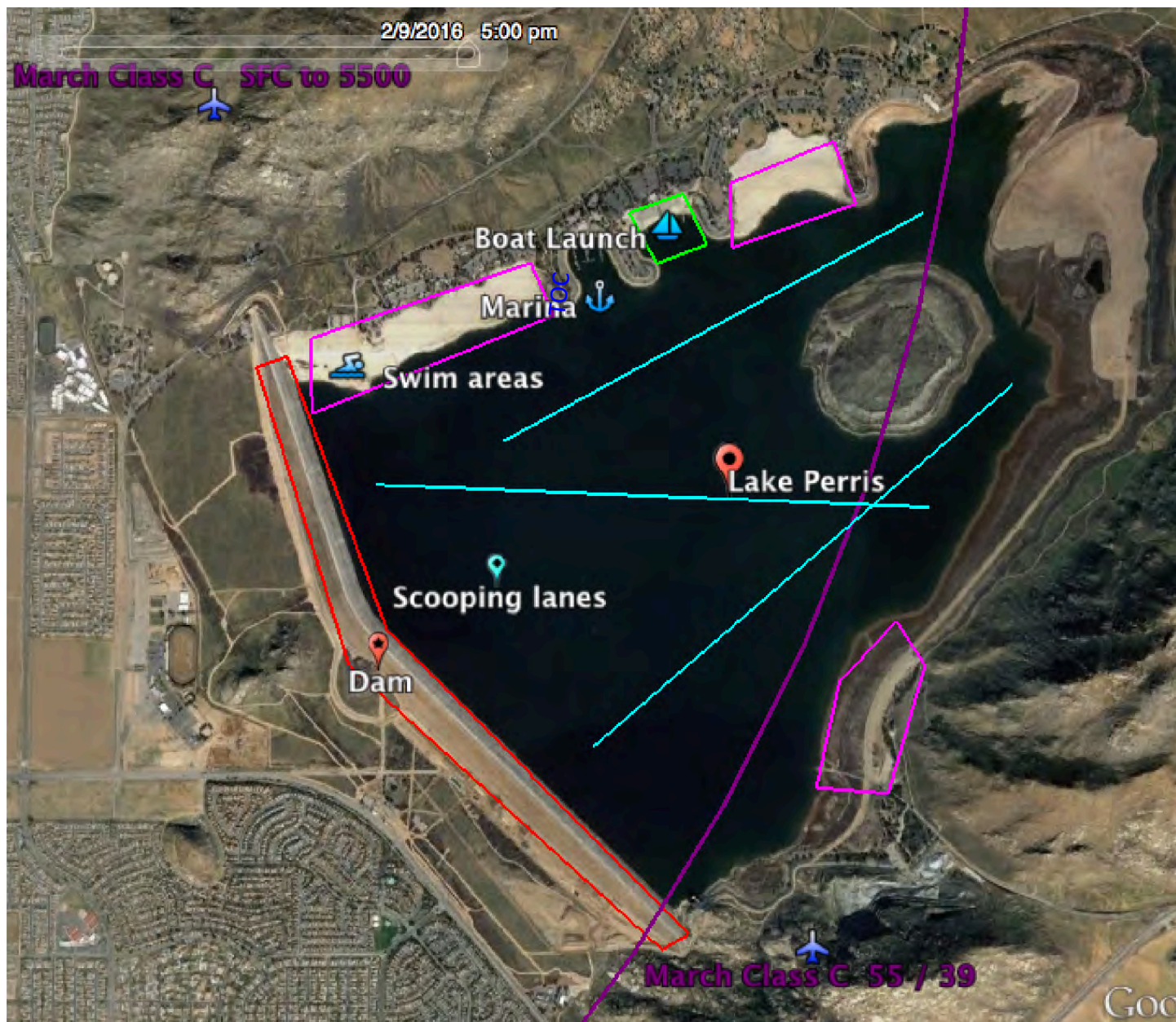
Administration Information:	
Agency:	RRU – Riverside Unit Chief John Hawkins
Location:	210 W San Jacinto Perris CA
Email:	
Phone:	951-940-6900

Known Hazards:	
Structure(s):	Dam on West end.
Water:	Shallow on E and SE corner. Lake level good October 2016. Water level drawn down for Dam work.
Recreation:	High recreation Summer and weekends
Other:	Military Aviation at March AFB 3NM NW. Contact March GCA 133.5 or Twr 127.65

Known Invasive Species:	Asian clam 2002 per USGS AIS survey 9/26/16 by J Robinson
--------------------------------	---

Environmental Mitigations Needed Pre/Post Scooping:	
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.	

Comments:	Met with Perris Sector Superintendent October 6 th , 2016. Previously used by AFI CL-215s September 2011 with moderate recreation and patrol boat. Used by CL-415 October 2016 for demonstration. Lake Perris Marina 951-657-2179
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Scooper Water Source Coordination Worksheet



TOC

NAME:	Lake Mathews – Riverside County, CA updated 12/8/17 by J Robinson				
Latitude*:	33° 50' N	Longitude*:	117° 26' W	Elevation:	1396'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Metropolitan Water Dist. of S. California
Contact:	Security Watch – 626-844-5644
Alt Contact:	John Osornia – 909-286-3615
Email:	josornia@mwdh2o.com

CONTACT NEEDED PRIOR TO SCOOPING?

YES – Contact MWD Security Watch pre and post ops

Law Enforcement Jurisdiction:	
Name:	Riverside County Sherriff – Perris Station
Phone:	951-776-1099 / 951-210-1000
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

No – Per John Osornia, may be used for fire response but not for practice or proficiency

Fire Administration Information:	
Agency:	CALFIRE RRU – Riverside Unit Chief John Hawkins
Contact:	951-940-6900
Agency:	USFS – Cleveland NF –Trabuco Ranger District
Contact:	951-736-1811

Known Hazards:	
Structure(s):	Dam North side of reservoir
Water:	Water level good per August 2017 aerial survey
Recreation:	None allowed
Other:	Bird activity winter months. Occasional survey boats on the lake.

Known Invasive Species: Quagga mussels 2007, Asian Clams 1961
--

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: KRAL (Riverside) 6NM N. Twr 121.0 Socal 135.4, KRIV (March AFB) 10NM ENE Twr 127.65, March GCA 133.5. High density GA traffic, Lake Mathews practice area 123.5. Lake only to be used for fire response, no practice or proficiency.



Scooper Water Source Coordination Worksheet



TOC

NAME:	Diamond Valley Reservoir – Riverside County, CA last update: 9/28/17 by J Robinson				
Latitude*:	33° 40' N	Longitude*:	117° 00' W	Elevation:	1580'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Metropolitan Water District of S Cali
Contact:	Scott Reiersen 714-330-7352
Alt. Phone:	626-844-6544 MWD Security Watch
Alt. Phone:	951-538-5283 Field Supervisor

CONTACT NEEDED PRIOR TO SCOOPING?

YES – Contact Scott Reiersen @MWD Security. He will make all other notifications at the lake. Use alt phone numbers if Mr. Reiersen not available. Call when ops complete.

Law Enforcement Jurisdiction:	
Name:	CA Dept. Parks/Rec-Perris
	Contracted LE at DVL
Dispatch:	951-443-2969
	Patrol boat at DVL

PERMISSION NEEDED PRIOR TO SCOOPING?

Yes – Scott Reiersen

Administration Information:	
Agency:	RRU-riverside Unit Chief John Hawkins
Phone:	951-940-6900
Agency:	USFS SBD-San Jacinto Ranger Dist
Phone:	909-382-2921

Known Hazards:	
Structure(s):	Dams East, West, and NW end of lake
Water:	Level good on 9/27/16, Islands appear at lower water levels
Recreation:	Fishing, no human water contact allowed
Other:	Hemet Ryan airport 2.5nm North. Unicom 123.0, Tanker base 121.375

Known Invasive Species:	None per USFS AIS database survey 9/27/16 & 9/28/17 by JR.
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Environmental Mitigations Needed Pre/Post Scooping:	
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.	

Comments:	Lake level good for CL-415 operations per 9/25/16 aerial survey. Lake only to be used for fire response, no practice or proficiency.
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Scooper Water Source Coordination Worksheet



TOC

NAME:	Lake Henshaw - San Diego County			last updated 12/8/17 by J Robinson	
Latitude*:	33° 14' N	Longitude*:	116° 44' W	Elevation:	2680'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Vista Irrigation District
Name:	Don Smith, Director of Water Resources
Phone:	O: 760-597-3168 / C: 760-271-4720
Email:	dsmith@vid-h2o.org

CONTACT NEEDED PRIOR TO SCOOPING?

YES – CL-415 manager contact Vista Irrigation District pre and post ops

Law Enforcement Jurisdiction:	
Name:	San Diego County Sheriff
Contact:	

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Fire Administration Information:	
Agency:	CALFIRE – MVU – 619-590-3100
Location:	Unit Chief Tony Mecham
Agency:	San Diego County Fire
Phone:	

Known Hazards:	
Structure(s):	Dam NW corner
Water:	Shallow East end, shallow points on N - NE shore
Recreation:	Yes
Other:	Birds

Known Invasive Species:	None per USGS AIS survey on 9/27/16
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Environmental Mitigations Needed Pre/Post Scooping:	
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.	

Comments:	Lake level good for CL-415 operations per 9/25/16 aerial survey. Lake Henshaw Resort Inc. Frank Mendenhall O:760-782-3503 / C:760-504-4504 2009.
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SCOOPER WATER BODY COORDINATION WORKSHEET



TOC

NAME:	Olivenhain Reservoir – San Diego County		last updated 12/8/17 by J Robinson		
Latitude*:	33° 04.450"	Longitude*:	117° 07.955"	Elevation:	1090'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	San Diego County Water Authority
Contact:	Duty Operator, Control Room 760-480-5534
Phone:	Ops Supervisor – Dan Allison 760-644-4095
Email:	Ops/Maint Manager Joseph Wegand

CONTACT NEEDED PRIOR TO SCOOPING?

YES – CL-415 manager contact Duty Operator pre and post ops.

Law Enforcement Jurisdiction:	
Name:	San Diego County Sheriff
Phone:	858-565-5200 - Dispatch
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES

Administration Information:	
Forest/Bureau/State:	CALFIRE – MVU – San Diego
Location:	Unit Chief Tony Mecham
Email:	
Phone:	619-590-3100

Known Hazards:	
Structure(s):	Dam and outlet tower West end, Hodges headworks South shore
Water:	Water level good September 2016
Recreation:	None allowed
Other:	Powerlines North shore

Known Invasive Species:	Quagga mussels per USGS AIS survey 9/26/16
--------------------------------	--

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments:
Palomar airport 8 NM WNW 118.6



SCOOPER WATER BODY COORDINATION WORKSHEET



TOC

NAME:	Hodges Reservoir – San Diego County Last Update 12/8/17 by J Robinson				
Latitude*:	33° 02" N	Longitude*:	117° 07" W	Elevation:	350'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	City of San Diego
Name:	Station 38 Dispatch 619-527-5481
Contact:	Joe Webber 619-668-2030 Viviana Castellon vcastellon@sandiego.gov
Phone:	O: 619-668-2034 / C: 619-414-2221

CONTACT NEEDED PRIOR TO SCOOPING?

YES – CL-415 manager contact Station 38 Dispatch

Law Enforcement Jurisdiction:	
Name:	San Diego County Sheriff
Phone:	858-565-5200 - Dispatch
Location:	San Diego City Fire
Email:	858-974-0275

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Administration Information:	
Agency:	CALFIRE – MVU – San Diego
Location:	Unit Chief Tony Mecham
Email:	
Phone:	619-590-3100

Known Hazards:	
Structure(s):	Power lines cross West 1/3 of lake, dam West
Water:	East end is more shallow, Water level good per aerial survey 9/27/16 by J Robinson
Recreation:	High recreation
Other:	Bouys

Known Invasive Species: Vegetation – Pacific mosquito fern

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Met with SD City October 2016 for approval.
Palomar airport 10 NM WNW



Scooper Water Source Coordination Worksheet



TOC

NAME:	San Vicente – San Diego County			Last Update 10/18/16 by J Robinson	
Latitude*:	32° 54' N	Longitude*:	116° 55' W	Elevation:	650'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	City of San Diego
Name:	Station 38 Dispatch 619-527-5481
Contact:	Joe Webber 619-668-2030 Viviana Castellon vcastellon@sandiego.gov
Phone:	O: 619-668-2034 / C: 619-414-2221

CONTACT NEEDED PRIOR TO SCOOPING?

YES – CL-415 manager contact Station 38 Dispatch pre and post ops.

Law Enforcement Jurisdiction:	
Name:	San Diego County Sheriff
Phone:	858-565-5200 - Dispatch
Location:	San Diego City Fire
Email:	858-974-0275

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Administration Information:	
Agency:	CALFIRE – MVU – San Diego
Location:	Unit Chief Tony Mecham
Email:	
Phone:	619-590-3100

Known Hazards:	
Structure(s):	Dam SW corner
Water:	Water level good per aerial survey 9/27/16 by J Robinson
Recreation:	High weekends and Summer
Other:	Bouys, Terrain N and E

Known Invasive Species: Quagga mussels, Eurasian watermilfoil, Southern Naiad per USGS AIS query 10/16

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Met with SD City October 2016 for approval, Fire Admin Heartland fire 619-441-1630



Scooper Water Source Coordination Worksheet



TOC

NAME:	Loveland Reservoir – San Diego County				Last update 10/29/17 by J Robinson
Latitude*:	32° 47" N	Longitude:	116° 46" W	Elevation:	1350'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Sweetwater Authority
Name:	Station 38 Dispatch 619-527-5481
Contact:	Water Treatment Operator 619-409-6800
Phone:	Peter Baranov, Director of Water Quality

CONTACT NEEDED PRIOR TO SCOOPING?

YES – CL-415 manager contact Station 38 Dispatch and Sweetwater Water Treatment Operator pre and post ops.

Law Enforcement Jurisdiction:	
Name:	San Diego County Sheriff
Phone:	858-565-5200 - Dispatch
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Administration Information:	
Agency:	CALFIRE – MVU 619-590-3100
Location:	Unit Chief Tony Mecham
Email:	San Diego City Fire
Phone:	858-974-0275

Known Hazards:	
Structure(s):	Dam West end
Water:	Water level good 9/16
Recreation:	Shore fishing only
Other:	Terrain all quadrants, narrow lake.

Known Invasive Species: None per USGS AIS database query 10/29/17 by J Robinson.

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments:
Water level good per aerial survey 9/27/16 by J Robinson. May fall under SD County Fire jurisdiction or SRA.



Scooper Water Source Coordination Worksheet



TOC

NAME:	El Capitan Reservoir – San Diego County				Last update 10/1/17 by J Robinson
Latitude*:	32° 53" N	Longitude:	116° 48" W	Elevation:	730'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	City of San Diego
Name:	Station 38 Dispatch 619-527-5481
Contact:	Joe Webber 619-668-2030 Brian Norris bnorris@sandiego.gov
Phone:	O: 619-668-2014 / C: 619-887-0307

CONTACT NEEDED PRIOR TO SCOOPING?

YES – CL-415 manager contact Station 38 Dispatch pre and post ops

Law Enforcement Jurisdiction:	
Name:	San Diego County Sheriff
Phone:	858-565-5200 - Dispatch
Location:	San Diego City Fire
Email:	858-974-0275

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Administration Information:	
Agency:	CALFIRE – MVU – San Diego
Location:	Unit Chief Tony Mecham
Email:	
Phone:	619-590-3100

Known Hazards:	
Structure(s):	Dam West end. Powerlines South and West arms
Water:	Shallow North end North arm. Rocks North side of West arm
Recreation:	High weekends and Summer
Other:	Bouys. Ramona airport 10NM NW. Twr 119.875 Tanker base 123.975

Known Invasive Species:	Quagga mussels, Eurasian watermilfoil, per USGS AIS query 10/16
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Environmental Mitigations Needed Pre/Post Scooping:	
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.	

Comments: Met with SD City October 2016 for approval, Fire Admin Heartland fire 619-441-1630	
Water level good per aerial survey 9/27/16 by J Robinson	



Scooper Water Source Coordination Worksheet



TOC

NAME:	Barrett Lake – San Diego County, CA			Last update 12/8/17 by J Robinson	
Latitude*:	32° 40' N	Longitude*:	116° 40' W	Elevation:	1600'

*If specific portions of water body are to be used, determine lat/long for specific area, if not use center of water body

Operational Control:	
Owner:	City of San Diego
Name:	Station 38 Dispatch 619-527-5481
Phone:	Joe Webber 619-668-2030 Brian Norris bnorris@sandiego.gov
Email:	O: 619-668-2014 / C: 619-887-0307

CONTACT NEEDED PRIOR TO SCOOPING?

YES - CL-415 manager contact Station 38 Dispatch pre and post ops

Law Enforcement Jurisdiction:	
Name:	San Diego County Sheriff
Phone:	858-565-5200 - Dispatch
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Fire Administration Information:	
Agency:	CALFIRE – MVU – 619-590-3100
	Unit Chief Tony Mecham
Agency:	San Diego City Fire – Chief Fennessy
Phone:	858-974-0275

Known Hazards:	
Structure(s):	Dam South Arm, Terrain all quadrants, exit is to the South over Dam
Water:	Shallow, very low 9/2016
Recreation:	Yes
Other:	

Known Invasive Species:	Eurasian Watermilfoil
Environmental Mitigations Needed Pre/Post Scooping:	
Tank decontamination procedures conducted per the Amphibious Water Scooper Operations Plan and Aero-Flite Aquatic Invasive Species Mitigation Plan.	

Comments:	Fire Admin Information: CAL FIRE 619-942-1615.
	Water too low for 2016 scooping operations, may be useable for 2017



Scooper Water Source Coordination Worksheet



TOC

NAME:	Sweetwater Reservoir – San Diego County				Last update 10/29/17 by J Robinson
Latitude*:	32° 41' N	Longitude:	117° 00' W	Elevation:	233'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	Sweetwater Authority
Name:	Station 38 Dispatch 619-527-5481
Contact:	Water Treatment Operator 619-409-6800
Phone:	Peter Baranov, Director of Water Quality

CONTACT NEEDED PRIOR TO SCOOPING?

YES – CL-415 manager contact Station 38 Dispatch and Sweetwater Water Treatment Operator pre and post ops.

Law Enforcement Jurisdiction:	
Name:	San Diego County Sheriff
Phone:	858-565-5200 - Dispatch
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Administration Information:	
Agency:	CALFIRE – MVU 619-590-3100
Location:	Unit Chief Tony Mecham
Email:	San Diego City Fire
Phone:	858-974-0275

Known Hazards:	
Structure(s):	Dam West end
Water:	Water level good 9/16
Recreation:	Shore fishing only
Other:	Terrain east. Under approach corridor to KSAN. Class B above @ 1800 MSL

Known Invasive Species:	Quagga mussels per USGS AIS database query 10/29/17 by J Robinson.
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Environmental Mitigations Needed Pre/Post Scooping:	
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.	

Comments:	
Water level good per aerial survey 9/27/16 by J Robinson	



Scooper Water Source Coordination Worksheet



TOC

NAME:	Lower Otay Reservoir – San Diego, CA last update: 12/8/17 by J Robinson				
Latitude*:	32° 37' N	32° 37' N	32° 37' N	32° 37' N	32° 37' N

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:		CONTACT NEEDED PRIOR TO SCOOPING?
Owner:	City of San Diego	YES – CL-415 manager contact Station 38 Dispatch pre and post ops
Name:	Station 38 Dispatch 619-527-5481	
Contact:	Joe Webber 619-668-2030 Brian Norris bnorris@sandiego.gov	
Phone:	O: 619-668-2014 / C: 619-887-0307	

Law Enforcement Jurisdiction:	
Name:	San Diego County Sheriff
Phone:	858-565-5200 - Dispatch
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

NO

Fire Administration Information:	
Agency:	CALFIRE – MVU – 619-590-3100
	Unit Chief Tony Mecham
Agency:	San Diego City Fire
Phone:	858-974-0275

Known Hazards:	
Structure(s):	Dam South end of lake. Buoys, rowing course.
Water:	Water levels good per 9/25/16 aerial survey by J. Robinson
Recreation:	Yes
Other:	Parachute operations on east end of lake and 2nm south dam, monitor 121.95. Airstrip on East end of lake. Class B Airspace overhead from 3500/10000. Brown Class D airspace 1 nm SW of S dam. Contact TWR on 128.25.

Known Invasive Species: Quagga mussels 2007 Per USGS AIS database query on 9/30/2016 by J Robinson

Environmental Mitigations Needed Pre/Post Scooping:

Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments: Met with SD City October 2016 for approval. Water level good per aerial survey 9/27/16 by J Robinson.



Scooper Water Source Coordination Worksheet



NAME:	last update _____ by: _____				
Latitude*:	° ' N	Longitude*:	° ' W	Elevation:	'

*If specific portions of water body are to be used, determine lat/lon for specific area, if not use center of water body

Operational Control:	
Owner:	
Contact:	
Phone:	
Email:	

CONTACT NEEDED PRIOR TO SCOOPING?

YES ☐

NO ☐

Law Enforcement Jurisdiction:	
Agency:	
Phone:	
Location:	
Email:	

PERMISSION NEEDED PRIOR TO SCOOPING?

YES ☐

NO ☐

Fire Administration Information:	
Agency:	
Location:	
Contact:	
Phone / Email:	

Known Hazards:	
Structure(s):	
Water:	
Recreation:	
Other:	

Known Invasive Species:

Environmental Mitigations Needed Pre/Post Scooping:
Tank decontamination conducted per AWSA Operations Plan and AFI Aquatic Invasive Species Mitigation Plan.

Comments:

Sample Google Earth Overlay

